Dynabeads Reference List

**Human Cell Separation**

- Human Eosinophil Granulocytes
- Human Sperm
- Human Neutrophils
- Human Cord Blood Derived Dendritic Cells
- Human Cord Blood Mast Cells
- Human Lung Mast Cells
- Human Dendritic Cells
- Human Monocyte Derived Dendritic Cells
- Human Epidermal Langerhans Cells
- Human Fibrocytes
- Human Fibroblast-like Synoviocytes
- Immunoprecipitation
- Human NK Cells
- Human Nerve Growth Factor
- Human Endothelial
- Human CD4
- Human CD34
- Human CD45
- Transfection
- Human Vß8+ T Cells
- Human Multiple Myeloma Cells
- Human Intraepithelial Lymphocytes
- Human Intracellular Membrane Protein Receptor
- Human Cytoskeleton Reorganisation
- Human Chronic Inflammation
- Human γδ T Cells
- Human Monocytes (immature)
- Human HSV-2
- Human Lin- Cells
- Human Antigen-specific T Cells
- Human Motor Neurons
- Human Megakaryocytes
- Human Epithelial
- Human Monocyte
- Human CD41
- Human Erithrocyte

**Mouse Cell Separation**

- Fibrocytes
- Naive CD4+ T Cells
- Dendritic Cells
- Lin- Cells
- Lin+ Cells
- T Cells from Lung
- CD25 cells Mouse Regulatory T Cells
- Lamina Propria MNC
- Megakaryocytes
- Kidney Glomerul
- Tumour Cells
- γδ T Cells
- CD4
- Endogenous Class II Expressing Cells
- Pro-T1 Cells
- Thymocytes
- Retinal Pigment Epithelial Cells
- Macrophages/Monocytes
- Hematopoietic Stem Cells
- CD43
- Synovial Tissue
- NK cells
- Pulmonary Endothelial Cells
- Mast Cells
- Resting B Cells
- Cat Cells

**Other cell separation**

- Non-human primate cells
- Rat Cells

**Molecular Biology & Protein purification**

- RNA Purification
- DNA Purification
- Protein purification
- Nucleic acid binding proteins
- Biopanning

**Microbiology**

- O157
- Giardia / Cryptosporidium
- Listeria
- Salmonella
Human Cell Separation

Human Eosinophil Granulocytes
Product used: Dynabeads® Sheep anti-Mouse IgG

Product used: Dynabeads® Sheep anti-Mouse IgG

Product used: Dynabeads® Sheep anti-Mouse IgG

Product used: Dynabeads® Sheep anti-Mouse IgG

Human Sperm
Product used: Dynabeads® Sheep anti-Mouse IgG

Product used: Dynabeads® Sheep anti-Mouse IgG

Human Neutrophils
Product used: Dynabeads® Sheep anti-Mouse IgG

Human Cord Blood Derived Dendritic Cells
Product used: Monocyte Negative Isolation Kit

Human Cord Blood Mast Cells
Product used: Dynabeads® Sheep anti-Mouse IgG

Human Lung Mast Cells
Product used: Dynabeads® Sheep anti-Mouse IgG Ig1

Product used: Dynabeads® Sheep anti-Mouse IgG Ig1
Human Dendritic Cells
Product used: Dynabeads® Goat anti-Mouse IgG

Human Monocyte Derived Dendritic Cells
Product used: Dynabeads® Goat anti-Mouse IgG

Human Epidermal Langerhans Cells
Product used: Dynabeads® Goat anti-Mouse IgG

Product used: Dynabeads® Goat anti-Mouse IgG

Human Fibrocytes
Product used: Dynabeads® Goat anti-Mouse IgG

Human Fibroblast-like Synoviocytes
Product used: Dynabeads® Goat anti-Mouse IgG

Immunoprecipitation
Product used: Dynabeads® Sheep anti-Rabbit IgG

Product used: Dynabeads® Goat anti-Mouse IgG

Product used: Dynabeads® Goat anti-Mouse IgG

Product used: Dynabeads® Goat anti-Mouse IgG

Human NK Cells
Product used: Dynabeads® Goat anti-Mouse IgG
Product used: Dynabeads® Goat anti-Mouse IgG

Product used: Dynabeads® Goat anti-Mouse IgG

Product used: Dynabeads® Goat anti-Mouse IgG

**Human Nerve Growth Factor**
Product used: Dynabeads® Goat anti-Mouse IgG

**Transfection**
Product used: CELLection™ Pan Mouse IgG

**Human Vβ8+ T Cells**
Product used: Dynabeads® Goat anti-Mouse IgG

**Human Multiple Myeloma Cells**
Product used: Dynabeads® Goat anti-Mouse IgG

**Human Intraepithelial Lymphocytes**
Product used: Dynabeads® Goat anti-Mouse IgG

**Human Intracellular Membrane Protein Receptor**
Product used: Dynabeads® Goat anti-Mouse IgG

**Human Cytoskeleton Reorganisation**
Product used: Dynabeads® Goat anti-Mouse IgG

**Human Chronic Inflammation**
Products used: Dynabeads® Goat anti-Mouse IgG, Dynabeads® Sheep anti-Rat IgG
**Human γδ T Cells**
Product used: Dynabeads® Biotin Binder

Product used: Dynabeads® Goat anti-Mouse IgG

**Human Monocytes (immature)**
Product used: Dynabeads® Goat anti-Mouse IgG

**Human HSV-2**
Product used: Dynabeads® M-450 Tosylactivated

**Human Lin- Cells**
Product used: Dynabeads® Goat anti-Mouse IgG

**Human Antigen-specific T Cells**
Product used: Dynabeads® Biotin Binder

**Human Motor Neurons**
Product used: Dynabeads® Sheep anti-Mouse IgG

**Human Megakaryocytes**
Product used: Dynabeads® Pan Mouse IgG

Product used: Dynabeads® M-450 Tosylactivated

**Human Endothelial**
Mattsson G, Danielsson A, Kriz V, Carlsson PO, Jansson L.

Browning AC, Gray T, Amoaku WM.
Isolation, culture, and characterisation of human macular inner choroidal microvascular endothelial cells.
Product used: Dynabeads® CD31 Endothelial Cell  

Wang X, Athayde N, Trudinger B.  
Placental vascular disease and toll-like receptor 4 gene expression.  
Product used: Dynabeads® CD31 Endothelial Cell  

Magnetic beads (Dynabead) toxicity to endothelial cells at high bead concentration: implication for tissue engineering of vascular prosthesis.  
Product used: Dynabeads® CD31 Endothelial Cell  

Wang X, Athayde N, Trudinger B.  
A proinflammatory cytokine response is present in the fetal placental vasculature in placental insufficiency.  
Product used: Dynabeads® CD31 Endothelial Cell  

Liu YB, Wei ZX, Li LL, Li HS, Chen H, Li XW.  
Construction and analysis of SSH cDNA library of human vascular endothelial cells related to gastrocarcinoma.  
Product used: Dynabeads® CD31 Endothelial Cell  

Extraction of cells for single-stage seeding of vascular-bypass grafts.  

Frye CA, Patrick CW Jr.  
Isolation and culture of rat microvascular endothelial cells.  
Product used: Dynabeads® CD31 Endothelial Cell  

McClung JA, Naseer N, Saleem M, Rossi GP, Weiss MB, Abraham NG, Kappas A.  
Circulating endothelial cells are elevated in patients with type 2 diabetes mellitus independently of HbA(1)c.  

Elevated numbers of circulating endothelial cells in renal transplant recipients.  

Circulating endothelial cells are a novel marker of cyclosporine-induced endothelial damage.  

Human Epithelial  
Bjornland K, Flatmark K, Mala T, Mathisen O, Bakka A, Aasen AO, Bergan A, Soreide O, Fodstad O.  
Detection of disseminated tumour cells in bone marrow of patients with isolated liver metastases from colorectal cancer.  

Thebo JS, Senagore AJ, Krygier S, Luchtelfeld MA.  
K-ras mutational analysis of polyclonal colorectal cancers identifies uniclonal circulating tumor cells.  
Product used: Dynabeads Epithelial Enrich
Product used: Dynabeads Epithelial Enrich

Product used: CELLection Epithelial enrich

**Human CD4**


**Human monocyte**

Product used: Dynabeads® CD14


Product used: Dynal® Monocyte Negative Isolation Kit

**Human CD34**

Product used: Dynal® CD34 Progenitor Cell Selection System

**Human CD41**

Bowbrick VA, Mikhalidis DP, Stansby G.
Influence of platelet count and activity on thromboelastography parameters.  

**Human CD45**
Xie J, Long G.  
Product used: Dynabeads® CD45

**Human Erythrocyte**

**Mouse Cell Separation**

**Mouse Fibrocytes**
Product used: Dynabeads® Mouse Pan T and Dynabeads® Mouse Pan B

**Mouse Naive CD4+ T Cells**
Product used: Dynabeads® Goat anti-Mouse IgG and Dynabeads® Sheep anti-Rat IgG

**Mouse Dendritic Cells**
Product used: Dynabeads® Goat anti-Mouse IgG

Product used: Dynabeads® Sheep anti-Rat IgG

Product used: Dynabeads® Sheep anti-Rat IgG

Product used: Dynabeads® Sheep anti-Rat IgG

Product used: Dynabeads® Biotin Binder

Product used: Dynabeads® Sheep anti-Rat IgG

Product used: **Dynabeads® Sheep anti-Rat IgG**

**Mouse Lin- Cells**

Product used: **Dynabeads® Sheep anti-Rat IgG**


Product used: **CELLection™ Biotin Binder**


Product used: **Dynabeads® Sheep anti-Rat IgG**

**Mouse Lin+ Cells**

Product used: **Dynabeads® Biotin Binder**

**Mouse T Cells from Lung**

Product used: **CELLection™ Biotin Binder**

**Mouse CD25 cells**

Product used: **Dynabeads Sheep® anti-Rat IgG** and **CELLection™ Biotin Binder**

**Mouse Regulatory T Cells**

Product used: **Dynabeads® Sheep anti-Rat IgG**

**Mouse Lamina Propria MNC**

Product used: **CELLection™ Biotin Binder**

**Mouse Megakaryocytes**

Product used: **Dynabeads® Sheep anti-Rat IgG**


Product used: **Dynabeads® Sheep anti-Rat IgG**
**Mouse Kidney Glomeruli**
Product used: **Dynabeads® M-450 Tosylactivated**

**Mouse Tumour Cells**
Product used: **Dynabeads® Biotin Binder**

**Mouse γδ T Cells**
Product used: **Dynabeads® Biotin Binder**

**Mouse Endogenous Class II Expressing Cells**
Product used: **Dynabeads® Biotin Binder**

**Mouse Pro-T1 Cells**
Product used: **Dynabeads® Biotin Binder**

**Mouse Thymocytes**
Product used: **Dynabeads® Biotin Binder**

**Mouse Retinal Pigment Epithelial Cells**
Product used: **Dynabeads® M-450 Tosylactivated**

**Mouse Macrophages/Monocytes**
Product used: **Dynabeads® Biotin Binder**

Product used: **Dynabeads® Sheep anti-Rat IgG**

**Mouse Hematopoietic Stem Cells**
Product used: **Dynabeads® Sheep anti-Rat IgG**

Product used: **Dynabeads® Sheep anti-Rat IgG**
Mouse CD43
Product used: Dynabeads® Biotin Binder

Product used: Dynabeads® Sheep anti-Rat IgG

Mouse Synovial Tissue
Product used: CELLection Biotin Binder

Mouse NK cells
Product used: CELLection Biotin Binder

Product used: Dynabeads® Biotin Binder

Mouse Pulmonary Endothelial Cells
Product used: Dynabeads® Sheep anti-Rat IgG

Product used: Dynabeads® Sheep anti-Rat IgG

Product used: Dynabeads® Sheep anti-Rat IgG

Product used: Dynabeads® Sheep anti-Rat IgG

Mouse Mast Cells
Product used: Dynabeads® M-450 Tosylactivated

Mouse Resting B Cells
Product used: Dynabeads® Sheep anti-Rat IgG
Mouse CD4
Peng Y, Liu CP.

Chimpanzee CD4+ T Cells
Product used: Dynabeads® CD4.

Macaque CD8+ T Cell Depletion
Product used: Dynabeads® Sheep anti-Mouse IgG

Rat Osteoclasts
Product used: Dynabeads® Sheep anti-Mouse IgG

Rat Dendritic Cells
Product used: Dynabeads® Sheep anti-Rat IgG

Rat Basal Cells
Cheung KH, Leung GP, Leung MC, Shum WW, Zhou WL, Wong PY.
Cell-cell interaction underlies formation of fluid in the male reproductive tract of the rat. J Gen Physiol. 2005 May;125(5):443-54.

Cat Regulatory T cells
Product used: Dynabeads® Goat anti-Mouse IgG

Molecular Biology & Protein Purification

RNA Purification
Pusch D, Ihle S, Lebuhn M, Graeber I, Lopez-Pila JM.
Quantitative detection of enteroviruses in activated sludge by cell culture and real-time RT-PCR using paramagnetic capturing.
Stassinopoulos IA, Belsham GJ.
Product used: Dynabeads oligo-dT

DNA Purification
Shen FJ, Watts P, Zhang ZH, Zhang AJ, Sanderson S, Kemp SJ, Yue BS.
[Enrichment of giant panda microsatellite markers using dynal magnet beads]
Product used: **Streptavidin-Coupled Dynabeads®**

Li XG, Tian JJ, Tani N, Yoshihiko T.  
[Isolation and characterization of nuclear microsatellites from Chamaecyparis obtusa Endl]  
Product used: **Streptavidin-Coupled Dynabeads®**

**Protein purification**

Product used: **Streptavidin-Coupled Dynabeads®**

Product used: **Streptavidin-Coupled Dynabeads®**

Product used: **Streptavidin-Coupled Dynabeads®**

Product used: **Streptavidin-Coupled Dynabeads®**

Li W, Gao C, Yan Y, DenBesten P.  
X-linked amelogenesis imperfecta may result from decreased formation of tyrosine rich amelogenin peptide (TRAP). *Arch Oral Biol.* 2003 Mar;48(3):177-83.  
Product used: **Streptavidin-Coupled Dynabeads®**

Warren HS, Bettadapura J.  
Product used: **Dynabeads® TALON**

von Rechenberg M, Blake BK, Ho YS, Zhen Y, Chepanoske CL, Richardson BE, Xu N, Kery V.  
Product used: **Dynabeads® M-270 Amine**

Clavet CR, Margolin AB, Regan PM.  
Product used: **Dynabeads® tosylactivated**

**Nucleic acid binding proteins**

Product used: **Streptavidin-Coupled Dynabeads®**

Product used: **Streptavidin-Coupled Dynabeads®**


Product used: **Streptavidin-Coupled Dynabeads®**


Product used: **Streptavidin-Coupled Dynabeads®**

Biopanning


Product used: **Streptavidin-Coupled Dynabeads®**


Product used: **Streptavidin-Coupled Dynabeads®**


Product used: **Streptavidin-Coupled Dynabeads®**


Product used: **Streptavidin-Coupled Dynabeads®**


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Product used: **Streptavidin-Coupled Dynabeads®**


Product used: **Streptavidin-Coupled Dynabeads®**


Product used: **Streptavidin-Coupled Dynabeads®**

Microbiology

O157


Product used: **Dynabeads® anti-E.coli O157**

Product used: Dynabeads® anti-E.coli O157

Voitoux E, Lafarge V, Collette C, Lombard B.
Product used: Dynabeads® anti-E.coli O157

Weagant SD, Bound AJ.
Product used: Dynabeads® anti-E.coli O157

**Giardia / Cryptosporidium**
Hu J, Feng Y, Ong SL, Ng WJ, Song L, Tan X, Chu X
Product used: Dynabeads® GC-Combo

Hsu BM, Huang C, Lai YC, Tai HS, Chung YC.
Product used: Dynabeads® GC-Combo

Rushton P, Place BM, Lightfoot NF.
Product used: Dynabeads® anti-Cryptosporidium

**Listeria**
Gray KM, Bhunia AK.
Product used: Dynabeads® anti-Listeria

Jung YS, Frank JF, Brackett RE.
Product used: Dynabeads® anti-Listeria

**Salmonella**
Lynch MJ, Leon-Velarde CG, McEwen S, Odumeru JA.
Product used: Dynabeads® anti-Salmonella