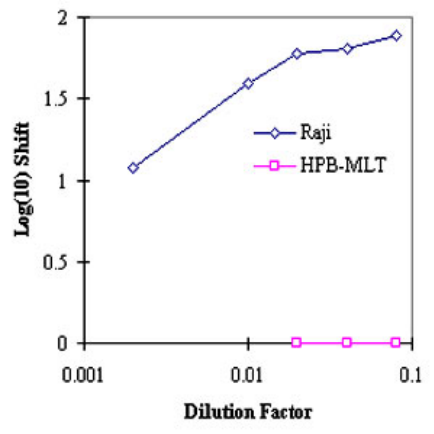
CD80 monoclonal antibody, clone P1.H1.A1.A1

Catalog # MAB6905 Size 100 ug

Applications



Flow Cytometry

5 X 10^5 cultured human Raji cells were washed and incubated 45 minutes on ice with 80 ml of CD80 monoclonal antibody, clone P1.H1.A1.A1 (Cat # MAB6905) at 20mg/mL. Cells were washed twice and incubated with Goat anti-Mouse IgG/FITC, after which they were washed three times, fixed and analyzed using a BD FACstar plus. Cells stained positive with a mean shift of 1.32 log10 fluorescent units when compared to a Mouse IgG1 negative control at a similar concentration.

Specification

Product Description	Mouse monoclonal antibody raised against CD80.
Immunogen	Human CD80 (B7-1) Ig Fusion Protein.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1, kappa
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM sodium phosphate buffer, 100 mM potassium Chloride, 150 mM NaCl, pH 7.5 (0.5 mg/mL gentamicin sulfate)
Storage Instruction	Store at 4°C.

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Gene Info — CD80

Entrez GeneID	941
Gene Name	CD80
Gene Alias	CD28LG, CD28LG1, LAB7
Gene Description	CD80 molecule
Omim ID	112203
Gene Ontology	Hyperlink
Gene Summary	The B-lymphocyte activation antigen B7-1 (formerly referred to as B7) provides regulatory signals for T lymphocytes as a consequence of binding to the CD28 (MIM 186760) and CTLA4 (MIM 123 890) ligands of T cells.[supplied by OMIM
Other Designations	B-lymphocyte activation antigen B7|CD80 antigen|CD80 antigen (CD28 antigen ligand 1, B7-1 an tigen)|costimulatory factor CD80|costimulatory molecule variant IgV-CD80

Pathway

- Allograft rejection
- Autoimmune thyroid disease
- Cell adhesion molecules (CAMs)
- Graft-versus-host disease
- Systemic lupus erythematosus
- Toll-like receptor signaling pathway

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- Type I diabetes mellitus

Disease

- Arthritis
- Asthma
- Bronchiolitis
- Carcinoma
- Celiac Disease
- Disease Progression
- Genetic Predisposition to Disease
- Hepatitis C
- Infant
- Liver Neoplasms
- Lung Neoplasms
- Lupus Erythematosus
- Multiple Sclerosis
- Papillomavirus Infections
- Pulmonary Disease
- Respiratory Syncytial Virus Infections
- Sarcoidosis
- Urinary Bladder Neoplasms
- Uterine Cervical Neoplasms
- Viremia
- Werner syndrome

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