

CD80 (PTR1386) recombinant mouse mAb

Catalog No :	YM4238
Reactivity :	Human
Applications :	FCM;ELISA
Target :	CD80
Fields :	>>Cell adhesion molecules;>>Toll-like receptor signaling pathway;>>Intestinal immune network for IgA production;>>Type I diabetes mellitus;>>Autoimmune thyroid disease;>>Systemic lupus erythematosus;>>Rheumatoid arthritis;>>Allograft rejection;>>Graft-versus-host disease;>>Viral myocarditis
Gene Name :	CD80 CD28LG CD28LG1 LAB7
Protein Name :	T-lymphocyte activation antigen CD80 (Activation B7-1 antigen) (BB1) (CTLA-4 counter-receptor B7.1) (B7) (CD antigen CD80)
Human Gene Id :	941
Human Swiss Prot No :	P33681
Mouse Gene Id :	12519
Mouse Swiss Prot No :	Q00609
Immunogen :	Purified recombinant human CD80
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD80 protein.
Formulation :	Phosphate-buffered solution
Source :	Monoclonal,Mouse,IgG1,kappa
Dilution :	ELISA 1:5000-100000;FCM 1-2µg/Test
Purification :	Recombinant Expression and Affinity purified

Concentration :	<u>Please check the information on the tube</u>
Storage Stability :	<u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>
Cell Pathway :	<u>Cell adhesion molecules (CAMs);Toll_Like;Intestinal immune network for IgA production;Type I diabetes mellitus;Autoimmune thyroid disease;Systemic lupus erythematosus;Allograft rejection;Graft-versus-</u>
Background :	<u>The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy. [provided by RefSeq, Aug 2011],</u>
Function :	<u>function:Involved in the costimulatory signal essential for T-lymphocyte activation. T-cell proliferation and cytokine production is induced by the binding of CD28 or CTLA-4 to this receptor.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with adenovirus subgroup B fiber proteins and acts as a receptor for these viruses.,tissue specificity:Expressed on activated B-cells, macrophages and dendritic cells.,</u>
Subcellular Location :	<u>Membrane; Single-pass type I membrane protein.</u>
Expression :	<u>Expressed on activated B-cells, macrophages and dendritic cells.</u>

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