

CD37 Monoclonal Antibody

Catalog No :	YM0121
Reactivity :	Human;Mouse
Applications :	IF;ELISA
Target :	CD37
Fields :	>>Hematopoietic cell lineage
Gene Name :	CD37
Protein Name :	Leukocyte antigen CD37
Human Gene Id :	951
Human Swiss Prot No :	P11049
Mouse Gene Id :	12493
Mouse Swiss Prot No :	Q61470
Immunogen :	Purified recombinant fragment of CD37 expressed in E. Coli.
Specificity :	CD37 Monoclonal Antibody detects endogenous levels of CD37 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	Affinity purification
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Cell Pathway :	Hematopoietic cell lineage;

- P References :**
1. J Immunol. 2004 Mar 1;172(5):2953-61.
 2. J Immunol. 2007 Jan 1;178(1):154-62.

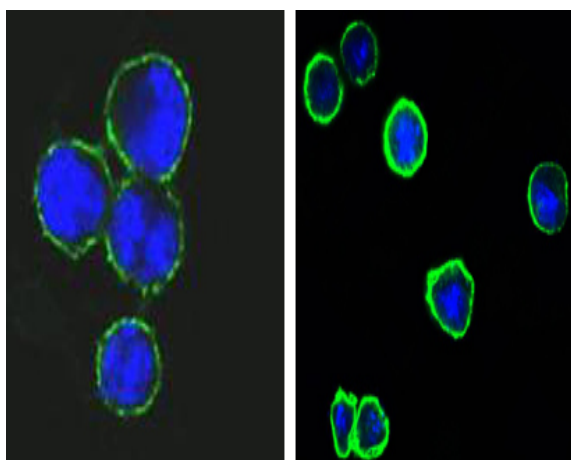
Background : The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It may play a role in T-cell-B-cell interactions. Alternate splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],

Function : similarity:Belongs to the tetraspanin (TM4SF) family.,tissue specificity:B-lymphocytes.,

Subcellular Location : Membrane; Multi-pass membrane protein.

Expression : B-lymphocytes.

Products Images



Confocal immunofluorescence analysis of methanol-fixed BCBL-1 (left) and L1210 (right) cells using CD37 Monoclonal Antibody (green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.