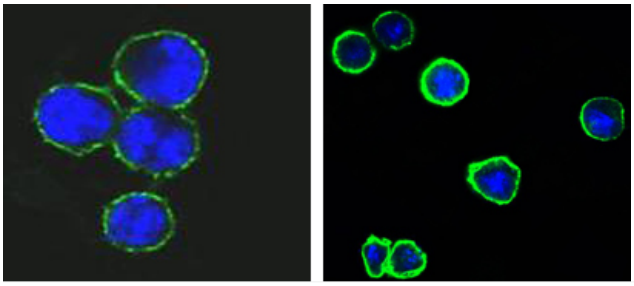
CD37 Monoclonal Antibody

Catalog No	YP-Ab-13800
Isotype	IgG
Reactivity	Human;Mouse
Applications	IF;ELISA
Gene Name	CD37
Protein Name	Leukocyte antigen CD37
Immunogen	Purified recombinant fragment of CD37 expressed in E. Coli.
Specificity	CD37 Monoclonal Antibody detects endogenous levels of CD37 protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD37; TSPAN26; Leukocyte antigen CD37; Tetraspanin-26; Tspan-26; CD antigen CD37
Observed Band	
Cell Pathway	Membrane; Multi-pass membrane protein.
Tissue Specificity	B-lymphocytes.
Function	similarity:Belongs to the tetraspanin (TM4SF) family.,tissue specificity:B-lymphocytes.,
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],
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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.