

Product datasheet for **AM06314SU-N**

CD37 Mouse Monoclonal Antibody [Clone ID: 2B8]

Product data:

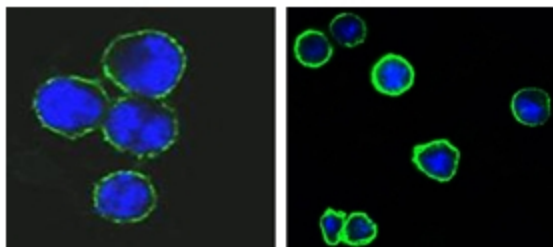
Product Type:	Primary Antibodies
Clone Name:	2B8
Applications:	IF
Recommended Dilution:	ELISA: 1/10000. Immunofluorescence: 1/200 - 1/1000.
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of CD37 expressed in E. Coli.
Specificity:	Recognizes CD37
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD37 molecule
Database Link:	Entrez Gene 951 Human P11049
Background:	CD37, also known as GP52-40, TSPAN26, MGC120234 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.



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Synonyms: TSPAN26, Tetraspanin-26

Product images:



Confocal immunofluorescence analysis of methanol-fixed BCBL-1 (left) and L1210 (right) cells using CD37 antibody Cat.-No AM06314SU-N (green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.