

CD37 monoclonal antibody

Catalog: MB21203

Host: Mouse

Reactivity: Human, Mouse

BackGround:

CD37, also known as GP52-40, TSPAN26, MGC120234, Enterz Protein NP_001035120. It 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.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

31.7kDa

Swiss-Prot:

P11049

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IF: 1/200 - 1/1000

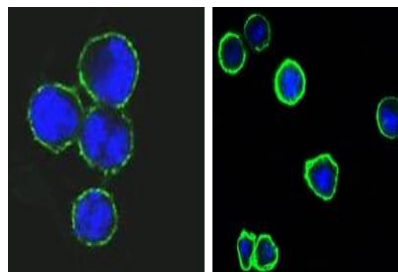
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

Mouse IgG1

DATA:



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

Note:

For research use only, not for use in diagnostic procedure.

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