

CD37 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0299
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of CD37 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Monoclonal
Recommended application	IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Leukocyte antigen CD37
Synonyms	CD37; TSPAN26; Leukocyte antigen CD37; Tetraspanin-26; Tspan-26; CD antigen CD37

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

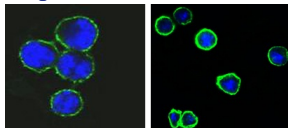
Recommended Dilution

ELISA: 1:10000

IF: 1:200 - 1:1000

Not yet tested in other applications.

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.

Storage

-20°C for one year