

ARG55074 anti-CD37 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CD37
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD37
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 101-130 (Center) of Human CD37.
Conjugation	Un-conjugated
Alternate Names	Tetraspanin-26; Tspan-26; CD antigen CD37; GP52-40; Leukocyte antigen CD37; TSPAN26

Application Instructions

Application table	Application	Dilution
	FACS	1:10 - 1:50
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	U-937	

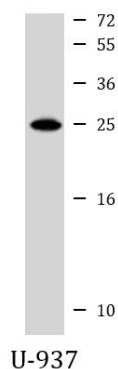
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

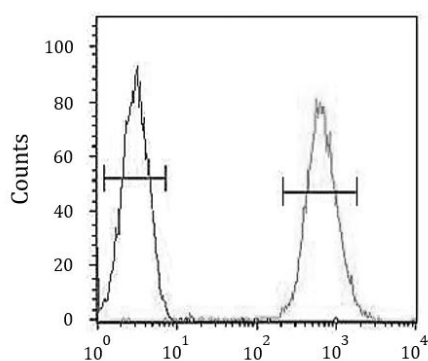
Database links	GeneID: 951 Human Swiss-port # P11049 Human
Gene Symbol	CD37
Gene Full Name	CD37 molecule
Background	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized 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]
Research Area	Immune System antibody
Calculated Mw	32 kDa
Cellular Localization	Membrane; Multi-pass membrane protein.

Images



ARG55074 anti-CD37 antibody WB image

Western blot: 35 µg of U-937 cell lysate stained with ARG55074 anti-CD37 antibody at 1:1000 dilution.



ARG55074 anti-CD37 antibody FACS image

Flow Cytometry: CEM cells stained with ARG55074 anti-CD37 antibody (right histogram) or without primary antibody control (left histogram), followed by incubation with FITC labelled secondary antibody.