

## 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	

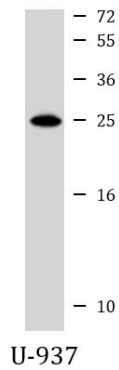
### Properties

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

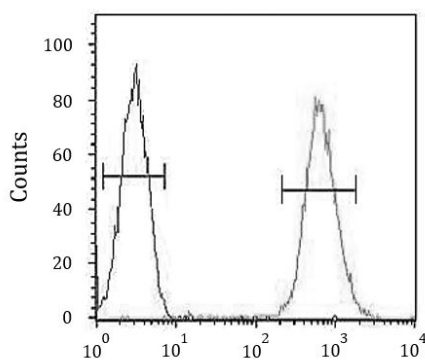
Database links	<a href="#">GeneID: 951 Human</a> <a href="#">Swiss-port # P11049 Human</a>
Gene Symbol	CD37
Gene Full Name	CD37 molecule
Background	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface 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.