

## ARG56095 anti-CD37 antibody [IPO-24]

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [IPO-24] recognizes CD37
Tested Reactivity	Hu
Tested Application	FACS, FuncSt, ICC/IF
Host	Mouse
Clonality	Monoclonal
Clone	IPO-24
Isotype	IgG2b, kappa
Target Name	CD37
Species	Human
Immunogen	Spleen cells from a patient with hairy cell leukemia.
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	0.5 - 1 µg/10 <sup>6</sup> cells in 0.1ml
	FuncSt	Assay-dependent
	ICC/IF	0.5 - 1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
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

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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]

Calculated Mw 32 kDa

Cellular Localization Cell surface