

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 ⁶ 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

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