

ARG56036 anti-CD50 / ICAM3 antibody [101-1D2]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [101-1D2] recognizes CD50 / ICAM3
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P
Host	Mouse
Clonality	Monoclonal
Clone	101-1D2
Isotype	IgG2a, kappa
Target Name	CD50 / ICAM3
Species	Human
Immunogen	Stimulated Human leukocytes.
Conjugation	Un-conjugated
Alternate Names	CD50; CD antigen CD50; Intercellular adhesion molecule 3; ICAM-3; ICAM-R; CDw50; CDW50

Application Instructions

Application table	Application	Dilution
	FACS	0.5 - 1 µg/10 ⁶ cells in 0.1ml
	ICC/IF	0.5 - 1 µg/ml
	IHC-P	0.5 - 1 µg/ml

Application Note Antigen retrieval for IHC-P: Staining of formalin/paraffin tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.

* 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: 3385 Human Swiss-port # P32942 Human
Gene Symbol	ICAM3
Gene Full Name	intercellular adhesion molecule 3
Background	The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule. [provided by RefSeq, Jul 2008]
Function	ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM3 is also a ligand for integrin alpha-D/beta-2. [UniProt]
Calculated Mw	60 kDa
PTM	Upon stimulation by a physiologic stimuli becomes rapidly and transiently phosphorylated on serine residues. N-glycosylated; glycans consist of a mixture of tri- and tetra-antennary complex-type chains and high-mannose chains.
Cellular Localization	Cell surface