

ARG55405 anti-CD73 antibody [AD2] (FITC)

Package: 50 µg
Store at: 4°C

Summary

Product Description	FITC-conjugated Mouse Monoclonal antibody [AD2] recognizes CD73
Tested Reactivity	Hu
Tested Application	FACS
Specificity	The mouse monoclonal antibody AD2 recognizes CD73, a 70 kDa GPI-anchored 5'-nucleotidase expressed predominantly on T and B cell subsets, follicular dendritic cells and endothelial cells.
Host	Mouse
Clonality	Monoclonal
Clone	AD2
Isotype	IgG1
Target Name	CD73
Species	Human
Immunogen	Human CD73 protein
Conjugation	FITC
Alternate Names	5'-nucleotidase; CD antigen CD73; eN; CALJA; CD73; EC 3.1.3.5; NT; Ecto-5'-nucleotidase; NT5; E5NT; 5'-NT; eNT; NTE

Application Instructions

Application table	Application	Dilution
	FACS	4 µl / 10 ⁶ cells

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

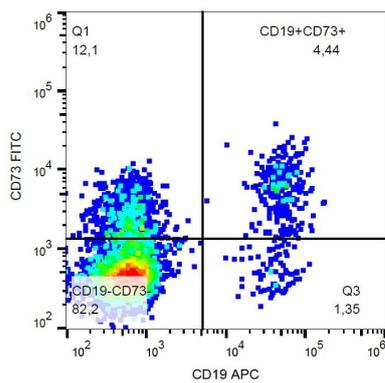
Properties

Purification	Affinity purification with immunogen.
Buffer	PBS, 15 mM Sodium azide and 0.2% (w/v) high-grade protease free BSA
Preservative	15 mM Sodium azide
Stabilizer	0.2% (w/v) high-grade protease free BSA
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. 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

Gene Symbol	NT5E
Gene Full Name	5'-nucleotidase, ecto (CD73)
Background	The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2011]
Function	Hydrolyzes extracellular nucleotides into membrane permeable nucleosides. Exhibits AMP-, NAD-, and NMN-nucleosidase activities. [UniProt]
Highlight	Related products: CD73 antibodies; Anti-Mouse IgG secondary antibodies; Related news: Stem cell and the regenerative medicine: Ready for the patients
Research Area	Cell Biology and Cellular Response antibody
Calculated Mw	63 kDa

Images



ARG55405 anti-CD73 antibody [AD2] (FITC) FACS image

Flow Cytometry: Human peripheral blood stained with ARG55405 anti-CD73 antibody [AD2] (FITC).