

## ARG55406 anti-CD73 antibody [AD2] (PE)

Package: 50 µg  
Store at: 4°C

### Summary

Product Description	PE-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	PE
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	10 µl / 10 <sup>6</sup> cells

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

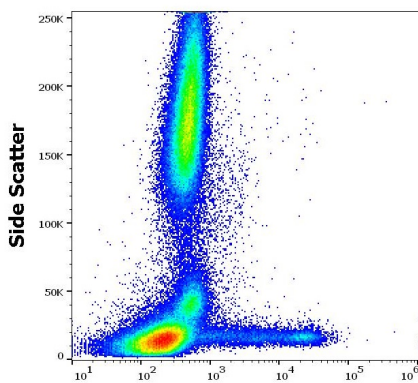
### Properties

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

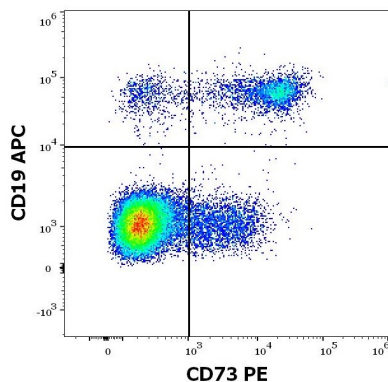
Gene Symbol	NT5E
Gene Full Name	5'-nucleotidase, ecto (CD73)
Background	The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. 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: <a href="#">CD73 antibodies; Anti-Mouse IgG secondary antibodies;</a> Related news: <a href="#">Stem cell and the regenerative medicine: Ready for the patients</a>
Research Area	Cell Biology and Cellular Response antibody
Calculated Mw	63 kDa

## Images



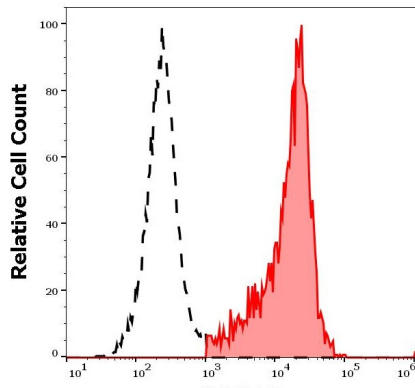
ARG55406 anti-CD73 antibody [AD2] (PE) FACS image

Flow Cytometry: Human peripheral whole blood stained with ARG55406 anti-CD73 antibody [AD2] (PE) (10 µl reagent / 100 µl of peripheral whole blood).



ARG55406 anti-CD73 antibody [AD2] (PE) FACS image

Flow Cytometry: Human lymphocytes stained with ARG55406 anti-CD73 antibody [AD2] (PE) (10 µl reagent / 100 µl of peripheral whole blood) and [ARG53782](#) anti-CD19 antibody [LT19] (APC) (10 µl reagent / 100 µl of peripheral whole blood).



#### ARG55406 anti-CD73 antibody [AD2] (PE) FACS image

Flow Cytometry: Separation of human CD73 positive B cells (red-filled) from CD73 negative CD19 negative lymphocytes (black-dashed). Human peripheral whole blood stained with ARG55406 anti-CD73 antibody [AD2] (PE) (10  $\mu$ l reagent / 100  $\mu$ l of peripheral whole blood).