

Mouse anti-Human CD143 Monoclonal Antibody | anti-CD143 antibody

Anti-Hu CD143 Purified

CATALOG # AAA128369	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD143; Monoclonal Antibody; Anti-Hu CD143 Purified; angiotensin I converting enzyme; DCP; ACE1; DCP1; carboxycathepsin; kininase II; peptidase P; peptidyl dipeptidase 1; anti-CD143 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5-369
Specificity	The mouse monoclonal antibody 5-369 recognizes an extracellular epitope of CD143, a 171 kDa type I transmembrane glycoprotein with metallopeptidase activity, expressed mainly on endothelial cells.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	32
Applicable Applications for anti-CD143 antibody	FCM/FACS (Flow Cytometry)
Immunogen	dendritic cells
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD143 antibody	CD143, also known as ACE (angiotensin-converting enzyme), carboxycathepsin, kininase II, peptidase P, or peptidyl dipeptidase 1, is a transmembrane zinc metallopeptidase catalyzing the conversion of angiotensin I into the physiologically active angiotensin II, which is a potent vasopressor and aldosterone-stimulating peptide that controls blood pressure and fluid-electrolyte balance. This enzyme plays a key role in the renin-angiotensin system. Multiple alternatively spliced transcript variants encoding different isoforms have been identified, and two most abundant spliced variants encode the somatic form and the testicular form, that are equally active. CD143 is expressed mainly on endothelial cells, but it can be found also e.g. on activated macrophages and histiocytes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	76057114
NCBI GeneID	1636
UniProt Accession #	P12821
NCBI Official Full Name	angiotensin I converting enzyme, partial

NCBI Official Synonym Full Names	angiotensin I converting enzyme
NCBI Official Symbol	ACE
NCBI Official Synonym Symbols	DCP; ACE1; DCP1; CD143
NCBI Protein Information	angiotensin-converting enzyme
UniProt Protein Name	Angiotensin-converting enzyme
UniProt Gene Name	ACE
UniProt Synonym Gene Names	DCP; DCP1; ACE
UniProt Entry Name	ACE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd143-antibody-clone-5-369-flow-cytometry-elisa/128369>