

Mouse CD279 Monoclonal Antibody | anti-CD279 antibody

Anti-Hu CD279 PE-Cyanine7

CATALOG # AAA128517	HOST Mouse	REACTIVITY Non-human primates, Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD279; Monoclonal Antibody; Anti-Hu CD279 PE-Cyanine7; programmed cell death 1; PDCD1; PD1; PD-1; SLEB2; anti-CD279 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Non-human primates, Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	EH12.2H7
Specificity	The mouse monoclonal antibody EH12.2H7 recognizes an extracellular epitope of CD279 / PD-1 (programmed cell death 1), a 55 kDa type I transmembrane protein expressed above all during T cell development, on activated T cells, activated B cells, and activated monocytes.
Purity/Purification	The purified antibody is conjugated with tandem dye PE-Cyanine7 under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	288
Applicable Applications for anti-CD279 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE-Cyanine7
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-CD279 antibody	CD279 / PD-1 (programmed cell death 1), a transmembrane protein of CD28/CTLA-4 family. It is expressed inducibly mainly on activated T, B, and myeloid cells and plays a role in maintaining peripheral self-tolerance. Binding to its receptors CD273 and CD274 is associated with inhibition of T cell proliferation and induction of their anergy. It is also expressed during thymic development. Some variants of CD279 are associated with susceptibility to systemic lupus erythematosus, type 1 diabetes, and rheumatoid arthritis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145559515
NCBI GeneID	5133
UniProt Accession #	Q15116
NCBI Official Full Name	Programmed cell death protein 1
NCBI Official Synonym Full Names	programmed cell death 1

NCBI Official Symbol	PDCD1
NCBI Official Synonym Symbols	PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1
NCBI Protein Information	programmed cell death protein 1
UniProt Protein Name	Programmed cell death protein 1
UniProt Gene Name	PDCD1
UniProt Synonym Gene Names	PD1; Protein PD-1; hPD-1

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/cd279-antibody-clone-eh12-2h7-flow-cytometry-elisa/128517>