

Mouse anti-Human CD203c Monoclonal Antibody | anti-CD203c antibody

Anti-Hu CD203c PE-Cyanine7

CATALOG # AAA128909	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD203c; Monoclonal Antibody; Anti-Hu CD203c PE-Cyanine7; ectonucleotide pyrophosphatase/phosphodiesterase 3; ENPP3; B10; PDNP3; PD-IBETA; anti-CD203c antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	NP4D6
Specificity	The mouse monoclonal antibody NP4D6 reacts with an extracellular epitope of CD203c, a transmembrane ectoenzyme expressed on basophils and mast cells, and overexpressed upon their activation.
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	875
Applicable Applications for anti-CD203c antibody	FCM/FACS (Flow Cytometry)
Immunogen	HEK-293 cells transfected with human CD203c
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-CD203c antibody	CD203c, also known as ENPP-3, is integral membrane ectoenzyme (ectonucleotide pyrophosphatase/phosphodiesterase 3), that hydrolyses nucleotide triphosphates and thus modulates purinergic signaling. CD203c is expressed mainly on activated basophils and mast cells. CD203c is upregulated in response to IgE-receptor cross-linking and is overexpressed on neoplastic mast cells in patients with systemic mastocytosis. Measurement of its induced enhancement on the plasma membrane is useful for identification of allergies.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	206729860
NCBI GeneID	5169
UniProt Accession #	O14638
NCBI Official Full Name	Ectonucleotide pyrophosphatase/phosphodiesterase family member 3

NCBI Official Synonym Full Names	ectonucleotide pyrophosphatase/phosphodiesterase 3
NCBI Official Symbol	ENPP3
NCBI Official Synonym Symbols	B10; NPP3; PDNP3; CD203c; PD-IBETA
NCBI Protein Information	ectonucleotide pyrophosphatase/phosphodiesterase family member 3
UniProt Protein Name	Ectonucleotide pyrophosphatase/phosphodiesterase family member 3
UniProt Gene Name	ENPP3
UniProt Synonym Gene Names	PDNP3; E-NPP 3; PD-Ibeta; NPPase
UniProt Entry Name	ENPP3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd203c-antibody-clone-np4d6-flow-cytometry-elisa/128909>