

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

Anti-Hu CD203c APC

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                     |
|-----------|-------|------------|----------------------------------|
| AAA128907 | Mouse | Human      | Flow Cytometry, Functional Assay |

### PRODUCT SYNONYMS

CD203c; Monoclonal Antibody; Anti-Hu CD203c APC; 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 allophycocyanin (APC) 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                                      | APC                                                                                                                                                                                            |
| 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 #                        | <a href="#">206729860</a>                                        |
| NCBI GeneID                      | <a href="#">5169</a>                                             |
| UniProt Accession #              | <a href="#">O14638</a>                                           |
| 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             | <b>ENPP3</b>                                                     |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd203c-antibody-clone-np4d6-flow-cytometry-elisa/128907>