

Datasheet for ABIN400884

anti-ENPP3 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	ENPP3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ENPP3 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	HEK-293 cells transfected with human CD203c
Clone:	NP4D6
Isotype:	IgG1
Specificity:	This Monoclonal antibody NP4D6 reacts with CD203c, a transmembrane ectoenzyme expressed on basophils and mast cells, and overexpressed upon their activation.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Characteristics:	Synonyms: E-NPP 3, PDNP3, Phosphodiesterase I beta, PD-I beta, Ectonucleotide pyrophosphatase /phosphodiesterase family member 3, Phosphodiesterase I/nucleotide pyrophosphatase 3
Purification:	Affinity Chromatography on Protein A

Target Details

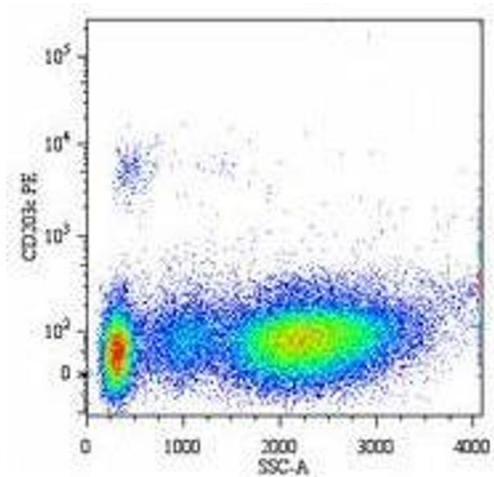
Target:	ENPP3
Alternative Name:	CD203c / ENPP3 (ENPP3 Products)
Background:	CD203c, also known as ENPP-3, is integral membrane ectoenzyme (ectonucleotide pyrophosphatase/phosphodiesterase 3), that hydrolyses nucleotide triphosphates and thus modulates purinergic signaling. CD203c is expressed mainly 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 diagnostics of allergies.Synonyms: E-NPP 3, Ectonucleotide pyrophosphatase / phosphodiesterase family member 3, PD-I beta, PDNP3, Phosphodiesterase I beta, Phosphodiesterase I/nucleotide pyrophosphatase 3
Gene ID:	5169
UniProt:	O14638
Pathways:	Regulation of Muscle Cell Differentiation , Negative Regulation of Transporter Activity

Application Details

Application Notes:	Flow cytometry. Immunofluorescence. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

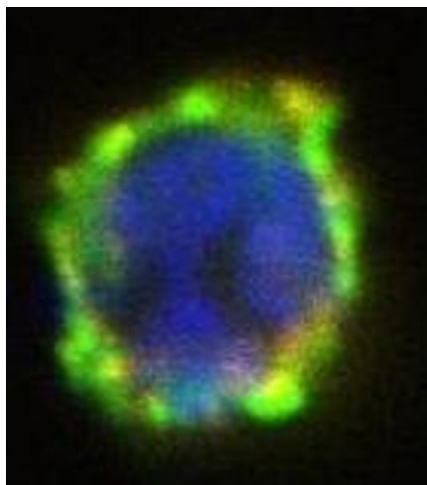
Handling

Concentration:	1.0 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH ~7.4 with 15 mM Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezing andthawing. Shelf life: one year from despatch.
Expiry Date:	12 months



Flow Cytometry

Image 1.



Immunofluorescence

Image 2.