

30-1409: Anti-CD203c Monoclonal Antibody (Clone:NP4D6)

Clonality :	Monoclonal
Clone Name :	NP4D6
Application :	FACS, ICC
Reactivity :	Human
Gene :	ENPP3
Gene ID :	5169
Uniprot ID :	O14638
Format :	Purified
Alternative Name :	ENPP3,PDNP3
Isotype :	Mouse IgG1
Immunogen Information :	HEK-293 cells transfected with human CD203c

Description

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.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry Recommended dilution: 1-5 $\mu\text{g/ml}$

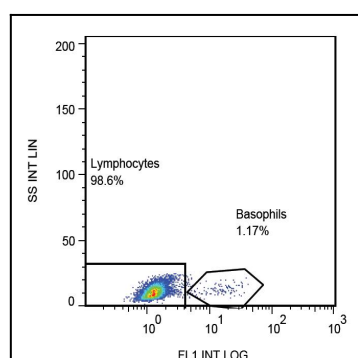


Figure 1: Surface staining of human basophils in allergen-stimulated whole blood (CD203cpos/ SSClow) by anti-CD203c antibody (NP4D6).