



11-585-C100

Monoclonal Antibody to CD203c Purified Antibody (0.1 mg)

Clone:	NP4D6
Isotype:	Mouse IgG1
Specificity:	The mouse monoclonal antibody NP4D6 reacts with CD203c, a transmembrane ectoenzyme expressed on basophils and mast cells, and overexpressed upon their activation. HLDA VIII
Regulatory Status:	RUO
Immunogen:	HEK-293 cells transfected with human CD203c
Species Reactivity:	Human
Application:	Flow Cytometry Recommended dilution: 1-5 µg/ml Immunocytochemistry
Purity:	> 95% (by SDS-PAGE)
Purification:	Purified by protein-A affinity chromatography
Concentration:	1 mg/ml
Storage Buffer:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability:	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration:	See vial label
Lot Number:	See vial label
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.

For laboratory research only, not for drug, diagnostic or other use.

**Antibodies****References:**

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