

Datasheet for ABIN2659170
anti-ENPP3 antibody (PE-Cy7)



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2 Images

Overview

Quantity:	100 tests
Target:	ENPP3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ENPP3 antibody is conjugated to PE-Cy7
Application:	Flow Cytometry (FACS)

Product Details

Clone:	NP4D6
Isotype:	IgG1 kappa
Purification:	The antibody was purified by affinity chromatography and conjugated with PE/Cy7 under optimal conditions. The solution is free of unconjugated PE/Cy7 and unconjugated antibody.

Target Details

Target:	ENPP3
Alternative Name:	CD203c (ENPP3 Products)
Background:	CD203c, a transmembrane protein and a member of the ectoenzyme family, is involved in the hydrolysis of extracellular oligonucleotides, nucleoside phosphates, and NAD (possesses ATPase and ATP pyrophosphatase activity). The molecular weight of CD203c was observed to be 130 and 150 kD under reducing conditions and 270 kD under non-reducing conditions.

Target Details

CD203c is expressed on basophils and mast cells, and is highly expressed on activated basophils. Secretory glands in endometrium and glioma cells are also positive. CD203c is a multifunctional ectoenzyme involved in the clearance of extracellular nucleotides whose substrates include nucleoside triphosphates, nucleoside diphosphates, cAMP, and NAD.

Pathways: [Regulation of Muscle Cell Differentiation](#), [Negative Regulation of Transporter Activity](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .

Preservative: Sodium azide

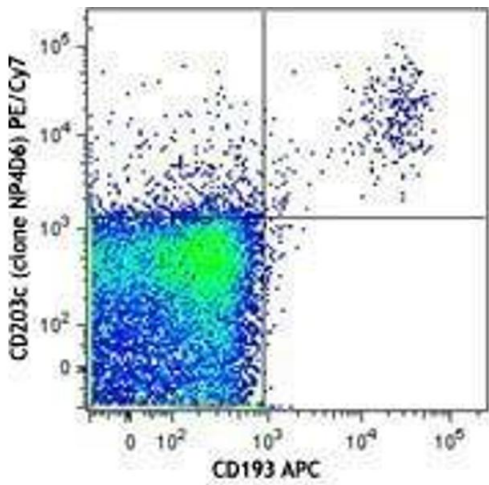
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Protect from prolonged exposure to light. Do not freeze.

Storage: 4 °C

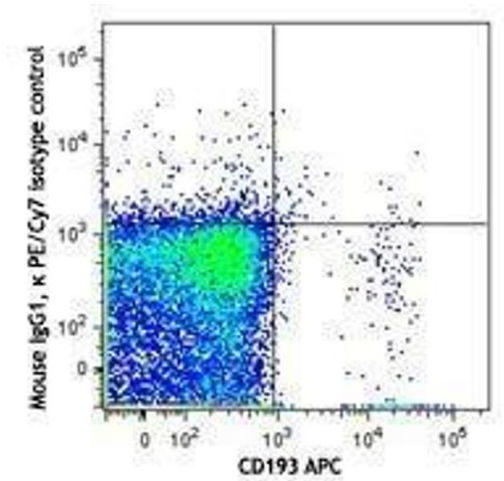
Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.



Flow Cytometry

Image 2.