

# CD203c Monoclonal Antibody (NP4D6)

Catalog NumberMA1-10138

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Mouse / IgG1	Published species	Human
Class	Monoclonal	Tested Applications	Dilution *
Type	Antibody	Flow Cytometry (Flow)	1-5 µg/mL
Clone	NP4D6	Immunocytochemistry (ICC/IF)	Assay-dependent
Immunogen	HEK-293 cells transfected with human CD203c	Published Applications	
Conjugate	Unconjugated	Flow Cytometry (Flow)	See 1 publications below
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1.0 mg/mL		
Purification	Protein A		
Storage buffer	PBS, pH 7.4		
Contains	15mM sodium azide		
Storage Conditions	4° C, do not freeze		

## Background/Target Information

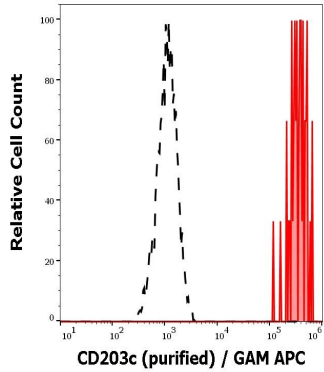
The protein encoded by this gene belongs to a series of ectoenzymes that are involved in hydrolysis of extracellular nucleotides. These ectoenzymes possess ATPase and ATP pyrophosphatase activities and are type II transmembrane proteins. Expression of the related rat mRNA has been found in a subset of immature glial cells and in the alimentary tract. The corresponding rat protein has been detected in the pancreas, small intestine, colon, and liver. The human mRNA is expressed in glioma cells, prostate, and uterus. Expression of the human protein has been detected in uterus, basophils, and mast cells. [provided by RefSeq, Jul 2008]

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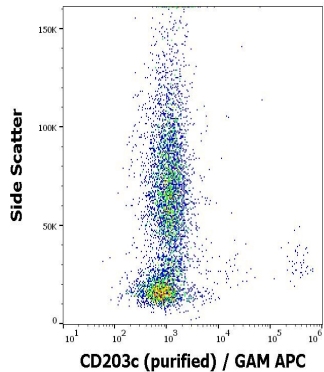
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**CD203c Antibody (MA1-10138) in Flow**

Separation of CD203c positive basophil granulocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of IgE stimulated human peripheral whole blood using anti-human CD203c (NP4D6) purified Monoclonal antibody (Product # MA1-10138); concentration in sample 2 µg/mL, GAM APC.



**CD203c Antibody (MA1-10138) in Flow**

Flow cytometry surface staining pattern of IgE stimulated human peripheral whole blood stained using anti-human CD203c (NP4D6) purified Monoclonal antibody (Product # MA1-10138); concentration in sample 2 µg/mL, GAM APC.

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PubMed References For CD203c Monoclonal Antibody (NP4D6)

1 Flow Cytometry References

Species / Dilution	Summary
	MA110138 was used in flow cytometry to assess the functional role of IL-31 in basophil biology
Human / Not Cited	Clinical and experimental allergy : journal of the British Society for Allergy and Clinical Immunology ( 2017; 47: 499) <b>"Human basophils are a source of - and are differentially activated by - IL-31."</b> Author(s):Raap U,Gehring M,Kleiner S,Rüdrich U,Eiz-Vesper B,Haas H,Kapp A,Gibbs BF PubMed Article URL: <a href="http://dx.doi.org/10.1111/cea.12875">http://dx.doi.org/10.1111/cea.12875</a>

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