

CD235a Monoclonal Antibody (YTH89.1), PE

Catalog NumberMA5-17700

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human
Host/Isotope	Rat / IgG2b	Published species	Human
Class	Monoclonal	Tested Applications	Dilution *
Type	Antibody	Flow Cytometry (Flow)	1.0 µg/1x10 ⁶ cells
Clone	YTH89.1	Published Applications	
Immunogen	Rat monoclonal antibodies raised against human CD235a.	Flow Cytometry (Flow)	See 1 publications below
Conjugate	PE	* 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.	
Form	Liquid		
Concentration	0.1 mg/mL		
Purification	Protein G		
Storage buffer	PBS with 4-5mg/mL BSA		
Contains	0.02% sodium azide		
Storage Conditions	4° C, do not freeze		

Product specific information

MA5-17700 targets CD235a/Glycophorin A in FACS and WB applications and shows reactivity with Human samples. The MA5-17700 immunogen is rat monoclonal antibodies raised against human CD235a.

Background/Target Information

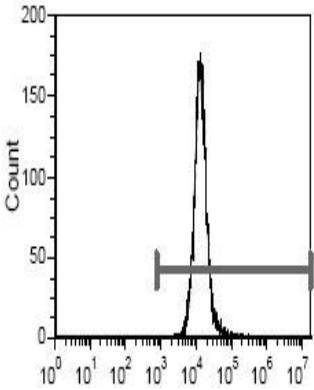
CD235a (Glycophorins A, GPA) is a single pass membrane sialoglycoprotein expressed in mature erythrocytes and erythroid precursor cells. CD235a is the carrier of blood group M and N specificities. CD235a provides cells with a large mucin-like that may serve as a barrier to cell fusion, minimizing aggregation between red blood cells in the circulation. CD235a has been shown to act as a receptor for Sandei virus, parvovirus, and Hsa, an Streptococcus adhesin.

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CD235a Antibody (MA5-17700) in Flow

Flow cytometric analysis of Human Red Blood Cells staining using anti-CD235a/Glycophorin A Monoclonal Antibody (Product # MA5-17700) at a 1.0 µg/10⁶ cells dilution.

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PubMed References For CD235a Monoclonal Antibody (YTH89.1), PE

1 Flow Cytometry References

Species / Dilution	Summary
Human / Not Cited	<p>MA5-17700 was used in Flow Cytometry to study the role and mechanism of MUSASHI family RNA binding proteins in acute myeloid leukemia.</p> <p>Nature communications (2019; 10:)</p> <p>"Small-molecule targeting of MUSASHI RNA-binding activity in acute myeloid leukemia."</p> <p>Author(s):Minuesa G,Albanese SK,Xie W,Kazansky Y,Worroll D,Chow A,Schurer A,Park SM,Rotsides CZ,Taggart J,Rizzi A,Naden LN,Chou T,Gourkanti S,Cappel D,Passarelli MC,Fairchild L,Adura C,Glickman JF,Schulman J,Famulare C,Patel M,Eibl JK,Ross GM,Bhattacharya S,Tan DS,Leslie CS,Beuming T,Patel DJ,Goldgur Y,Chodera JD,Kharas MG</p> <p>PubMed Article URL:http://dx.doi.org/10.1038/s41467-019-10523-3</p>

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