

For Research Use Only

Atlantic Blue™ Anti-Human Glycophorin A/CD235a (HIR2)

Catalog Number: AB-65174



Basic Information

Catalog Number:

AB-65174

Size:

100 tests, 5 µl/test

Source:

Mouse

Isotype:

IgG2b, kappa

GenBank Accession Number:

BC005319

GeneID (NCBI):

2993

UNIPROT ID:

P02724

Full Name:

glycophorin A (MNS blood group)

Calculated MW:

150 aa, 16 kDa

Purification Method:

Affinity purification

CloneNo.:

HIR2

Excitation/Emission maxima wavelengths:

404 nm / 458 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

Glycophorin A (GYPA) is the major transmembrane sialoglycoprotein in erythrocytes. It is a dimeric type I transmembrane protein carrying 15 closely clustered O-linked tetrasaccharides capped with sialic acid/N-acetylneuraminic acid (Neu5Ac). This 36 kDa protein represents the major sialoglycoprotein of the red blood cell membrane displaying about one million copies per cell. (PMID: 9490702)

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

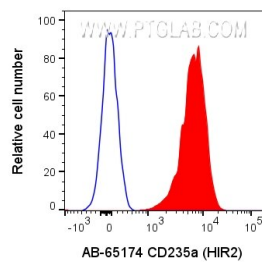
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

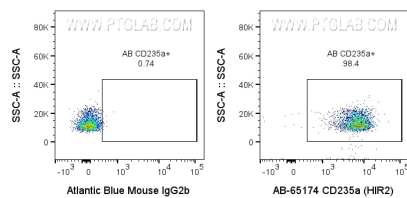
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



10 μ l human whole blood was surface stained with 5 μ l Atlantic Blue™ Anti-Human CD235a (HIR2) (AB-65174) or Atlantic Blue™ Mouse IgG2b Isotype Control. Cells were not fixed. Red blood cells were gated.



10 μ l human whole blood was surface stained with 5 μ l Atlantic Blue™ Anti-Human CD235a (HIR2) (AB-65174) or Atlantic Blue™ Mouse IgG2b Isotype Control. Cells were not fixed. Red blood cells were gated.