

For Research Use Only

FITC Plus Anti-Human Glycophorin A/CD235a (HIR2)

Catalog Number: FITC-65174

1 Publications



Basic Information

Catalog Number:

FITC-65174

Concentration:

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:

The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.

CloneNo.:

HIR2

Excitation/Emission maxima wavelengths:

495 nm / 524 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)

Notable Publications

Author	Pubmed ID	Journal	Application
Naiqi Li	39713222	Int J Nanomedicine	

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.

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

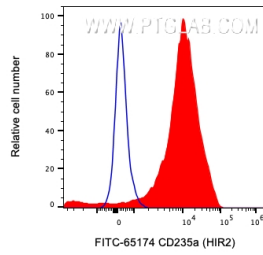
T: 4006900926

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

Selected Validation Data



1X10⁶ human red blood cells were surface stained with 5 ul FITC Anti-Human CD235a (FITC-65174, Clone: HIR2) (red) or Mouse IgG2b Isotype Control. Cells were not fixed.