

For Research Use Only

CoraLite®594-conjugated Glycophorin A Monoclonal antibody

Catalog Number:CL594-66778



Basic Information

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| Catalog Number: CL594-66778 | GenBank Accession Number: BC005319 | Purification Method: Protein G purification |
| Size: 1000 µg/ml | GeneID (NCBI): 2993 | CloneNo.: 2B12G10 |
| Source: Mouse | UNIPROT ID: P02724 | Recommended Dilutions: IF 1:50-1:500 |
| Isotype: IgG1 | Full Name: glycophorin A (MNS blood group) | Excitation/Emission maxima wavelengths: 588 nm / 604 nm |
| Immunogen Catalog Number: AG8635 | Calculated MW: 150 aa, 16 kDa | |
| | Observed MW: 36-38 kDa | |

Applications

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| Tested Applications: IF-P | Positive Controls: IF : human placenta tissue, |
| 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 -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

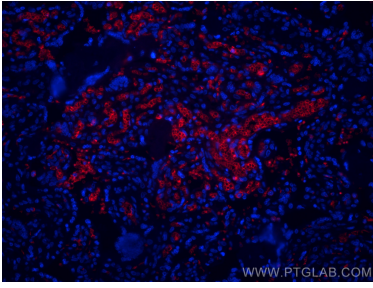
T: 4006900926

E: Proteintech-CN@ptglab.com

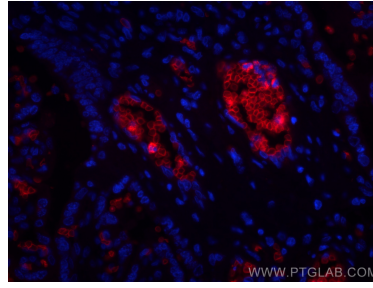
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human placenta tissue using CoraLite®594 Glycophorin A antibody (CL594-66778, Clone: 2B12G10) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human placenta tissue using CoraLite®594 Glycophorin A antibody (CL594-66778, Clone: 2B12G10) at dilution of 1:200.