10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Glycophorin A
Mouse Monoclonal antibody(Mab)
Catalog # AD80290

Specification

Glycophorin A - Product info

Application	**IHC-P, IHC**
Primary Accession	P02724
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**16430**

Glycophorin A - Additional info

Gene ID	**2993**
Gene Name	**GYPA**

Other Names
Glycophorin-A, MN sialoglycoprotein, PAS-2, Sialoglycoprotein alpha, CD235a, GYPA (HGNC:4702), GPA

Dilution
IHC-P~~Ready-to-use
IHC~~Ready-to-use

Storage
Maintain refrigerated at 2-8°C

Precautions	**Glycophorin A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

Glycophorin A - Protein Information

Name GYPA (HGNC:4702)

Synonyms	**GPA**
Function	**Glycophorin A is the major intrinsic membrane protein of the erythrocyte. The N-terminal glycosylated segment, which lies outside the erythrocyte membrane, has MN blood group receptors. Appears to be important for the function of SLC4A1 and is required for high activity of SLC4A1. May be involved in translocation of SLC4A1 to the plasma membrane. Is a receptor for influenza virus. Is a receptor for Plasmodium falciparum**

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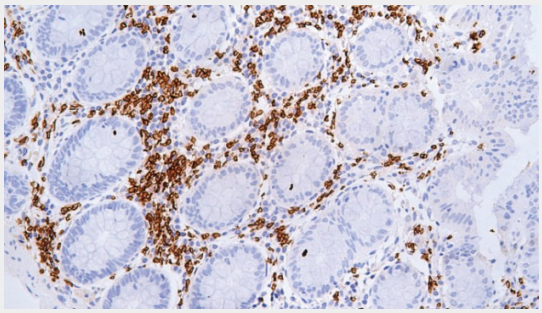
Cellular Location	**erythrocyte-binding antigen 175 (EBA-175); binding of EBA-175 is dependent on sialic acid residues of the O-linked glycans. Appears to be a receptor for Hepatitis A virus (HAV). Cell membrane; Single-pass type I membrane protein Note=Appears to be colocalized with SLC4A1**

Glycophorin A - Protocols

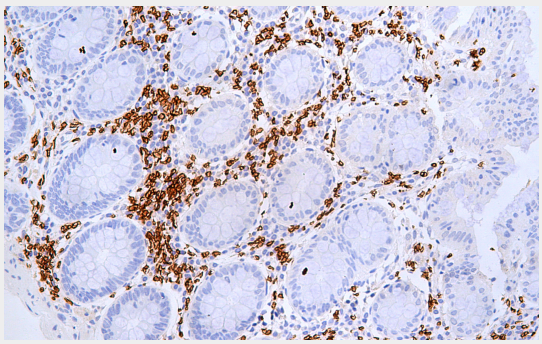
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Glycophorin A - Images



Colon cancer



Immunohistochemical analysis of paraffin-embedded colorectal carcinoma; tissue using AD80290 performed on the Abcarta® FAIP-30 Fully automated IHC platform.Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6. 0).Samples were incubated with primary antibody(Ready-to-use) for 15 min at room temperature. AmpSeeTM Detection Systems（Abcepta:AR005） was used as the secondary antibody.