

Product datasheet

Anti-Glycophorin C/GPC antibody [Ret40f] ab9521

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Overview

Product name	Anti-Glycophorin C/GPC antibody [Ret40f]
Description	Mouse monoclonal [Ret40f] to Glycophorin C/GPC
Host species	Mouse
Specificity	This antibody is specific to beta sialoglycophorin also known as Glycophorin C/GPC.
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Glycophorin C/GPC. Red cell ghosts. Database link: P04921
General notes	<p>Glycophorin C/GPC is found on the human erythrocyte membrane and is one of four sialic acid rich polypeptide.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.05% Sodium azide
Purity	Tissue culture supernatant
Primary antibody notes	Glycophorin C is found on the human erythrocyte membrane and is one of four sialic acid rich polypeptide.
Clonality	Monoclonal
Clone number	Ret40f

Myeloma	unknown
Isotype	IgG1
Light chain type	kappa

Applications

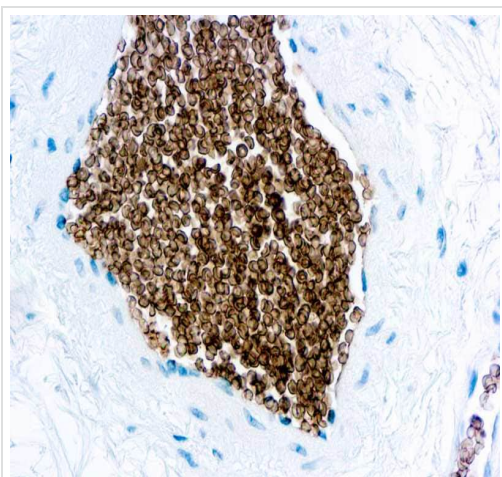
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab9521 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/15 - 1/30. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Target

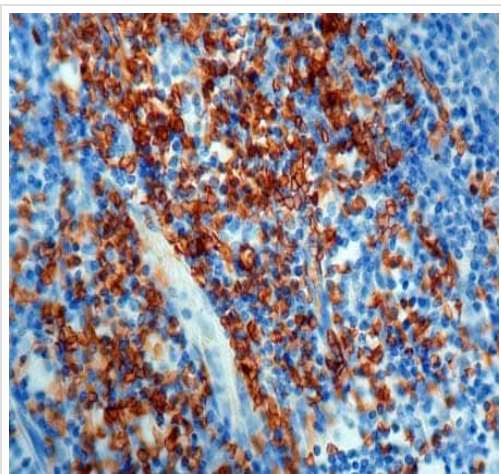
Function	This protein is a minor sialoglycoprotein in human erythrocyte membranes. The blood group Gerbich antigens and receptors for Plasmodium falciparum merozoites are most likely located within the extracellular domain. Glycophorin-C plays an important role in regulating the stability of red cells.
Tissue specificity	Glycophorin-C is expressed in erythrocytes. Glycophorin-D is ubiquitous.
Sequence similarities	Belongs to the glycophorin-C family.
Cellular localization	Cell membrane. Linked to the membrane via band 4.1.

Images



Formalin-fixed, paraffin-embedded human tonsil tissue stained for Glycophorin C/GPC using ab9521 at 1/50 dilution in immunohistochemical analysis. Antigen retrieval with citrate buffer pH 6.0.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Glycophorin C/GPC antibody [Ret40f] (ab9521)



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human tonsil tissue, staining Glycophorin C/GPC with ab9521.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Glycophorin C/GPC antibody [Ret40f] (ab9521)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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