

Product datasheet

Anti-Glycophorin C/GPC antibody ab175257

[1 References](#) [3 Images](#)

Overview

Product name	Anti-Glycophorin C/GPC antibody
Description	Rabbit polyclonal to Glycophorin C/GPC
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein corresponding to Human Glycophorin C/GPC aa 1-128. Sequence: MWSTRSPNSTAWPLSLEPDPGMASASTTMHTTTIAEPDP GMSGWPDGRME TSTPTIMDIVVIAGVIAAVANLVSLLFVMLRYMYRHKGTYHT NEAKGTE FAESADAALQGDPALQDAGDSSRKEYFI

Database link: [P04921](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control TF-1 and K562 cell lysate and Red blood cells

General notes 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.

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol

Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

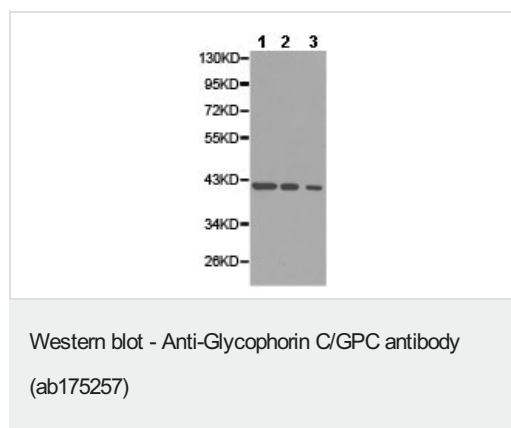
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab175257 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.
IHC-P		1/50 - 1/200. ab171870 - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/500 - 1/2000. Predicted molecular weight: 14 kDa.

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



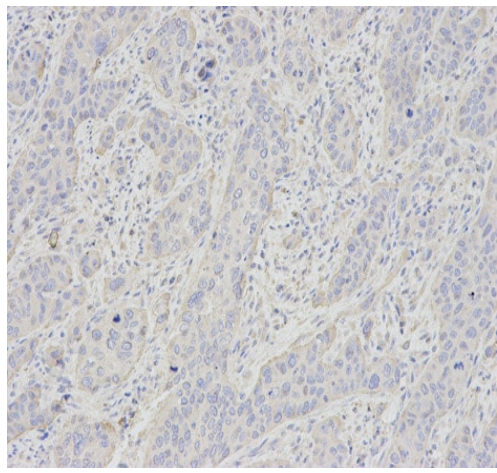
All lanes : Anti-Glycophorin C/GPC antibody (ab175257) at 1/500 dilution

Lane 1 : TF-1 cell line lysate

Lane 2 : K562 cell line lysate

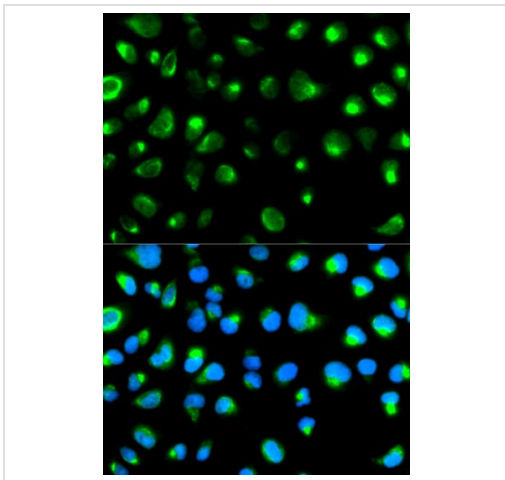
Lane 3 : Red blood cells

Predicted band size: 14 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human esophageal cancer tissue labelling GYPC with ab175257 at 1/200. Magnification: 200x.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Glycophorin C/GPC antibody (ab175257)



Immunocytochemistry/Immunofluorescence analysis of MCF7 cells using ab175257. Blue DAPI for nuclear staining.

Immunocytochemistry/ Immunofluorescence - Anti-Glycophorin C/GPC antibody (ab175257)

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

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