

Product datasheet

Anti-G9P antibody ab154386

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

Overview

Product name	Anti-G9P antibody
Description	Rabbit polyclonal to G9P
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human G9P aa 1-254. Database link: Q99706
Positive control	THP-1 whole cell lysate; HeLa cells; Human breast carcinoma tissue.
General notes	<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. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab154386 in the following tested applications.

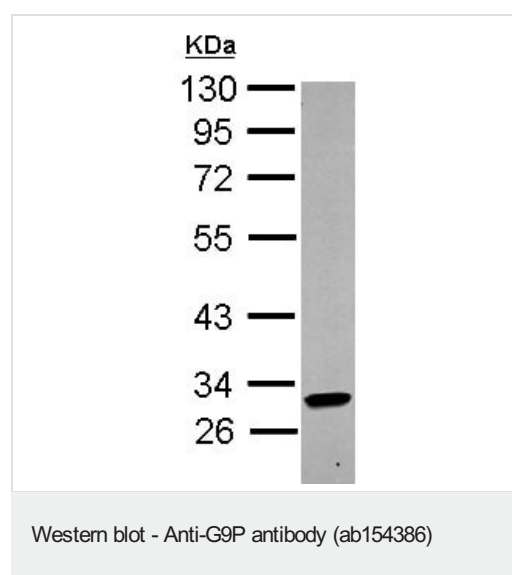
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 41 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol using 10mM Citrate buffer (pH6.0) or Tris-EDTA buffer (pH8.0).
ICC/IF		1/100 - 1/1000.

Target

Function	Receptor on natural killer (NK) cells for HLA-C alleles. Inhibits the activity of NK cells thus preventing cell lysis.
Sequence similarities	Belongs to the immunoglobulin superfamily. Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
Cellular localization	Cell membrane.

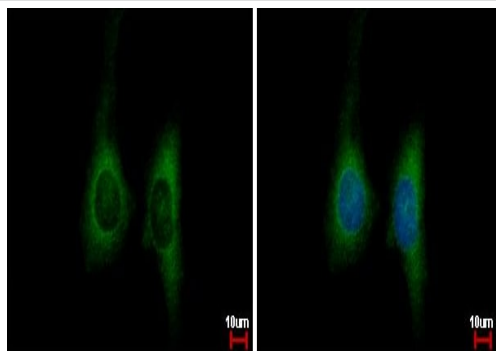
Images



Anti-G9P antibody (ab154386) at 1/1000 dilution + THP-1 whole cell lysate at 30 µg

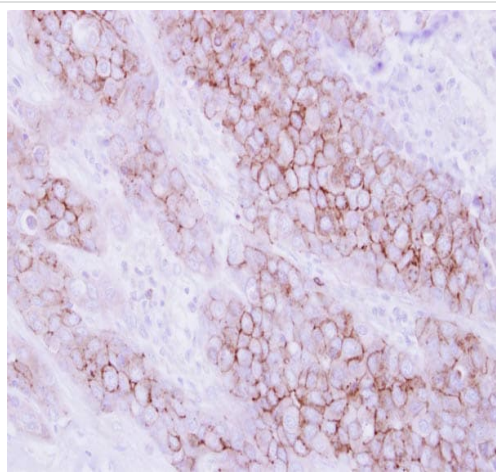
Predicted band size: 41 kDa

10% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-G9P antibody (ab154386)

Immunofluorescent analysis of 4% paraformaldehyde-fixed HeLa cells labeling G9P with ab154386 at 1/500 dilution (Green). Blue: Hoechst 33342 staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-G9P antibody (ab154386)

Immunohistochemical analysis of paraffin-embedded Human breast carcinoma tissue labeling G9P with ab154386 at 1/250 dilution.

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

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