

Product datasheet

Anti-G9P antibody ab154386

[2 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>Previously labelled as KIR2DL4.</p> <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>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, as well as 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

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

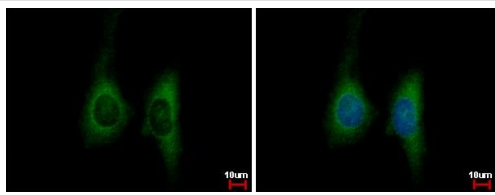


Western blot - Anti-G9P antibody (ab154386)

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

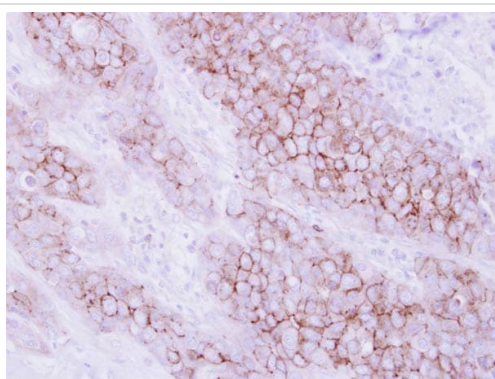
Predicted band size: 41 kDa

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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