


Product datasheet

Anti-G9P antibody ab100996

1 Image

Overview

Product name	Anti-G9P antibody
Description	Rabbit polyclonal to G9P
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Chimpanzee, Macaque monkey, Gorilla, Orangutan 
Immunogen	Synthetic peptide corresponding to Human G9P aa 50-150 conjugated to keyhole limpet haemocyanin. (Peptide available as ab115936)
Positive control	This antibody gave a positive signal in Human spleen tissue lysate as well as the following whole cell lysates: MDA MB 231; MDA MB 361; HeLa.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab100996 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		Use a concentration of 1 µg/ml. Detects a band of approximately 39 kDa (predicted molecular weight: 41 kDa).

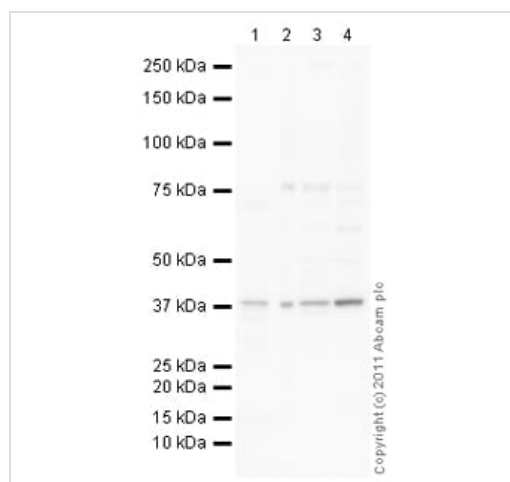
Target

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 (ab100996)

All lanes : Anti-G9P antibody (ab100996) at 1 µg/ml

Lane 1 : Human spleen tissue lysate - total protein (**ab29699**)

Lane 2 : MDA-MB-231 (Human breast adenocarcinoma cell line)
Whole Cell Lysate

Lane 3 : MDA-MB-361 (Human breast adenocarcinoma cell line)
Whole Cell Lysate

Lane 4 : HeLa (Human epithelial carcinoma cell line) Whole Cell
Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 41 kDa

Observed band size: 39 kDa

Additional bands at: 75 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 12 minutes

The band observed at 39 kDa could potentially be a cleaved form of G9P due to the presence of a 21 amino acid signal peptide.

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