

Product datasheet

Anti-GLIPR1 antibody ab118382

[3 Images](#)

Overview

Product name	Anti-GLIPR1 antibody
Description	Mouse monoclonal to GLIPR1
Host species	Mouse
Tested applications	Suitable for: WB, ELISA, Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment, corresponding to amino acids 23-100 of Human GLIPR1 with proprietary tag (NP_006842).
Positive control	HeLa whole cell lysate.
General notes	Abcam is committed to meeting high standards of ethical manufacturing and as such, we will be discontinuing this product, which has been generated by the ascites method, within the next year. We are sorry for any inconvenience this may cause. If you would like help finding an alternative product, please do not hesitate to contact our scientific support team.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.20 Constituent: 99% PBS
Purity	Protein A purified
Clonality	Monoclonal
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab118382** 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 - 5 µg/ml. Predicted molecular weight: 30 kDa.
ELISA		Use at an assay dependent concentration.
Flow Cyt		Use 0.1µg for 10 ⁶ cells. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

Target

Tissue specificity

According to PubMed:8973356, it is ubiquitously expressed with high levels in lung and kidney and low levels in heart and liver. Highly expressed in cell lines derived from nervous system tumors arising from glia, low or absent in non-glia-derived nervous system tumor cell lines. Also found in fetal kidney. According to PubMed:7607567 it is expressed only in brain tumor glioblastoma multiforme/astrocytoma and not in other nervous system tumors or normal fetal or adult tissues.

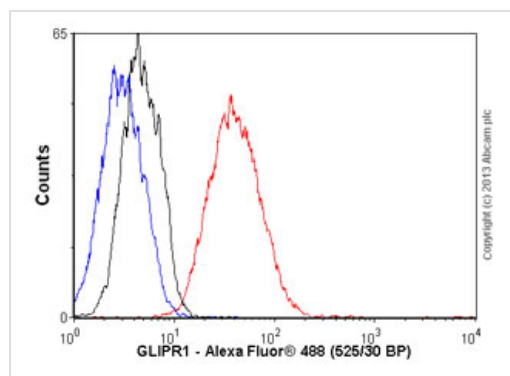
Sequence similarities

Belongs to the CRISP family.

Cellular localization

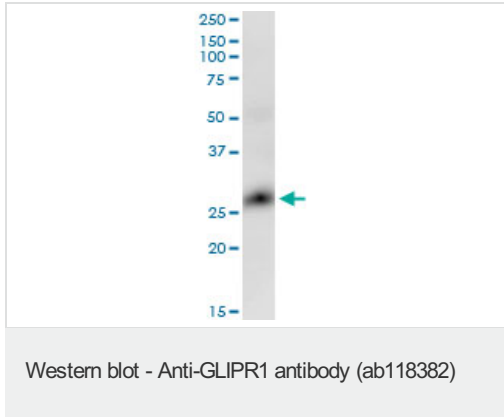
Membrane.

Images



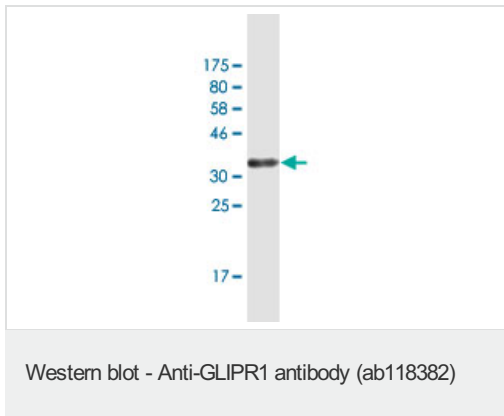
Flow Cytometry - Anti-GLIPR1 antibody (ab118382)

Overlay histogram showing HepG2 cells stained with ab118382 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab118382, 0.1µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-mouse IgG (H&L) ([ab150113](#)) at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] ([ab91361](#), 0.1µg/1x10⁶ cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.



Anti-GLIPR1 antibody (ab118382) at 5 µg/ml + HeLa cell lysate at 50 µg

Predicted band size: 30 kDa



Anti-GLIPR1 antibody (ab118382) at 5 µg/ml + recombinant immunogen at 0.2 µg/ml

Predicted band size: 30 kDa

Western blot against tagged recombinant immunogen using ab118382 antibody at 5µg/ml dilution. Predicted band size of immunogen is 34.58kDa.

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