





Product datasheet

Anti-Viperin antibody [MaP.VIP] ab107359

7 References

Overview

Product name	Anti-Viperin antibody [MaP.VIP]
Description	Mouse monoclonal [MaP.VIP] to Viperin
Host species	Mouse
Tested applications	Suitable for: ICC/IF, IP, Flow Cyt, WB Unsuitable for: IHC-Fr
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat 
Immunogen	Recombinant fragment corresponding to amino acids 92-362 of Mouse Viperin  Run BLAST with  Run BLAST with 
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 and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium azide Constituents: PBS, 0.1% BSA
Purity	Protein G purified
Clonality	Monoclonal
Clone number	MaP.VIP
Isotype	IgG2a

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab107359 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.
IP		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. The typical starting working dilution is 1:50. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
WB		Use at an assay dependent concentration. Predicted molecular weight: 42 kDa. The typical starting working dilution is 1:50.

Application notes

Is unsuitable for IHC-Fr.

Target

Function

Involved in antiviral defense. May impair virus budding by disrupting lipid rafts at the plasma membrane, a feature which is essential for the budding process of many viruses. Acts through binding with and inactivating FPPS, an enzyme involved in synthesis of cholesterol, farnesylated and geranylated proteins, ubiquinones dolichol and heme. Plays a major role in the cell antiviral state induced by type I and type II interferon. Displays antiviral effect against HIV-1 virus, hepatitis C virus, human cytomegalovirus, and aphaviruses, but not vesiculovirus.

Sequence similarities

Belongs to the RSAD2 family.

Cellular localization

Endoplasmic reticulum membrane. Golgi apparatus. Probably associates with the cytosolic side of the endoplasmic reticulum. Infection with human cytomegalovirus (HCMV) causes relocation to the Golgi apparatus and to cytoplasmic vacuoles which also contain HCMV proteins glycoprotein B and pp28.

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