

Anti-Hantavirus glycoprotein G2 antibody [10B8] ab34765

Overview

Product name	Anti-Hantavirus glycoprotein G2 antibody [10B8]
Description	Mouse monoclonal [10B8] to Hantavirus glycoprotein G2
Host species	Mouse
Specificity	This antibody reacts with G2 glycoproteins of Puumala (Kazan, Vranica) and Dobrava hantaviruses and recognizes hantavirus-infected cells. It does not cross-react with hantavirus G1 glycoprotein or with rubella virus glycoprotein.
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Hantavirus
Immunogen	Recombinant fragment -recombinant chimeric protein harbouring a segment of Kazan hantavirus G2 glycoprotein; expressed in yeast <i>S.cerevisiae</i> .
General notes	<p>This product was changed from ascites to tissue culture supernatant on 28/11/2017. Please note that the dilutions may need to be adjusted accordingly.</p> <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	<p>pH: 6.8</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituent: Tissue culture supernatant</p>
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number	10B8
Myeloma	Sp2/0
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab34765 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		1/1 - 1/20.

Target

Relevance The members of the Hantavirus genus of the family Bunyaviridae are spherical, enveloped viruses containing tripartite negative-sense RNA as their genome. The three genomic RNA segments, designated L, M, and S, encode an RNA-dependent RNA polymerase, envelope glycoproteins (G1 and G2), and nucleocapsid (N) protein, respectively. Hantavirus infections can cause two serious and often fatal human diseases, hemorrhagic fever with renal syndrome and hantaviral pulmonary syndrome, characterized by lung damage and cardiac dysfunction. Humans are infected with hantaviruses from rodent reservoirs that are persistently infected without signs of disease.

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

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