

Product datasheet

Anti-gp64 antibody [AcV5] ab91214

3 References

Overview

Product name	Anti-gp64 antibody [AcV5]
Description	Mouse monoclonal [AcV5] to gp64
Host species	Mouse
Specificity	ab91214 reacts with the gp64 envelope protein of the baculovirus Autographa californica (AcMNPV).
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Species independent
Immunogen	Tissue, cells or virus corresponding to gp64. gp64 envelope protein of the baculovirus Autographa californica (AcMNPV).
Positive control	Baculovirus infected insect cells
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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: 0.87% Sodium chloride
Purity	Protein A purified
Clonality	Monoclonal
Clone number	AcV5
Isotype	IgG2b

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab91214 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 at an assay dependent concentration. Predicted molecular weight: 59 kDa. ab91214 can be used in identifying virally-infected insect cells and biochemical analysis of the gp64 protein.

Target

Relevance

gp64 is an envelope protein of the baculovirus *Autographa californica* (AcMNPV). It is a phosphoglycoprotein which is located on the surface of both infected cells and budded virions. It is suggested that the virus entry into cells is primarily by the endocytic pathway and that this protein may play a role in fusion of the viral envelope with the endosomal membrane.

Cellular localization

Virion membrane

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

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