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Product Information

Contents: Affinity Purified anti-baculovirus envelope gp64 protein
Catalog Number: 14-6995
Sizes: 50 ug, 100 ug, 500 ug
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN_3
Storage Conditions: Store at 4°C.
Avoid repeated freeze/thaw cycles.
Clone: AcV5
Isotype: Mouse IgG2b

Available Formats of This Product				
Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
14-6995	Affinity Purified anti-baculovirus envelope gp64 protein	N/A	N/A	WB

Description

The AcV5 antibody reacts with the gp64 envelope protein of the baculovirus Autographa californica (AcMNPV).

Usage

For research use only, not for diagnostic or therapeutic use. The AcV5 antibody has been reported for use in immunoblotting (WB). AcV5 can be used in identifying virally-infected insect cells and biochemical analysis of the gp64 protein.

Applications Tested

The AcV5 antibody has been tested by immunoblotting (WB) of baculovirus infected insect cells. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Related Products

Cat. 14-4732 Affinity Purified Mouse IgG2b Isotype Control
Cat. 18-8877 Mouse TrueBlot™: Horseradish Peroxidase (HRP) anti-mouse IgG

References

Hohmann, A. W. and P. Faulkner. 1983. Monoclonal antibodies to baculovirus structural proteins: determination of specificities by Western blot analysis. Virology 125(2): 432-44.
Volkman, L. E. and P. A. Goldsmith. 1988. Resistance of the 64K protein of budded Autographa californica nuclear polyhedrosis virus to functional inactivation by proteolysis. Virology 166(1): 285-9.
Blissard, G. W. and G. F. Rohrmann 1989. Location, sequence, transcriptional mapping, and temporal expression of the gp64 envelope glycoprotein gene of the Orgyia pseudotsugata multicapsid nuclear polyhedrosis virus. Virology 170(2): 537-55.
Plonsky, I., M. S. Cho, et al. (1999). An analysis of the role of the target membrane on the Gp64-induced fusion pore. Virology 253(1): 65-76.