

Product Datasheet

Baculovirus Envelope gp64 protein Antibody (AcV1) - BSA Free NBP2-00208-100ug

Unit Size: 100 ug

Store at 4C. Do not freeze.

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NBP2-00208-100ug

Baculovirus Envelope gp64 protein Antibody (AcV1) - BSA Free

Product Information

Unit Size	100 ug
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	AcV1
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Affinity purified
Buffer	PBS (pH 7.2)

Product Description

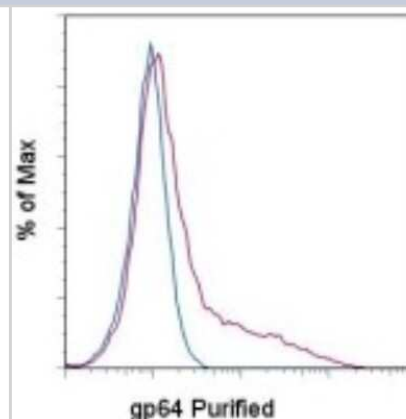
Description	<p>The AcV1 monoclonal antibody reacts with the gp64 envelope protein of the baculovirus Autographa californica (AcMNPV). The gp64 envelope protein is essential for virus infectivity and is expressed on the surface of baculovirus-infected cells within six hours of infection. The AcV1 antibody can be used in flow cytometry-based viral titration experiments.</p> <p>Purity: greater than 90%, as determined by SDS-PAGE. Affinity chromatography purified.</p>
Host	Mouse
Species	Virus
Immunogen	The immunogen for this antibody is baculovirus envelope gp64 protein.

Product Application Details

Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry 1:10-1:1000
Application Notes	The AcV1 antibody has been tested by flow cytometry on baculovirus infected insect cells. This can be used at less than or equal to 1 ug per test. A test is defined as the amount (ug) of antibody that will stain a cell sample in a final volume of 100 uL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Images

Flow Cytometry: Baculovirus Envelope gp64 protein Antibody (AcV1) [NBP2-00208] - Staining of baculovirus-infected insect cells with 0.25 ug of Mouse IgG2a kappa Isotype Control Purified (blue) or 0.25 ug of Anti-Baculovirus Envelope gp64 Protein Purified (purple) followed by F(ab')₂ Anti-Mouse IgG PE . Total viable cells were used for analysis.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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