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AM05154PU-N Monoclonal Antibody to Vaccinia Virus - Purified

Quantity: 1 mg

Concentration: 3.0 mg/ml (OD280nm, E0.1%=1.3)

Background: Vaccinia virus is an Orthopoxvirus, containing double stranded DNA. Fusion protein plays an important role in the entry of enveloped virus into cells. As vaccinia virus has a wide host range, it is conceivable that certain cellular components that are ubiquitously expressed on the cell mediate virus infection. The study of the entry process, attachment, fusion and the proteins and receptors involved is complex. During vaccinia virus infection, the fusion process is attributed to the action of the 14KDa protein (A27L). The N terminus of this protein recognises heparan sulfate on the cell surface. It interacts with the negative charges of sulfates of glycosaminoglycans (GAGs).

Host / Isotype: Mouse / IgG2b

Recommended Isotype Controls: SM12P, AM03110PU-N

Clone: B408M

Immunogen: Native, intact Lister strain of Vaccinia virus.

Format:
State: Liquid purified Ig fraction (› 90% pure)
Purification: Protein A Chromatography
Buffer System: 0.01M PBS, pH 7.2
Preservatives: 0.09% Sodium Azide

Applications:
ELISA.
IFA.
Immunohistochemisty.
Lateral Flow.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This antibody recognizes free Vaccinia Virus and infected cells. Specific to the A33R protein.
Reactive with Lister and NYCBH strains.

Storage: Store undiluted at 2-8°C.
Shelf life: one year from despatch.