

bs-2111R**[Primary Antibody]****VP16 tag Rabbit pAb****BioSS**
ANTIBODIES

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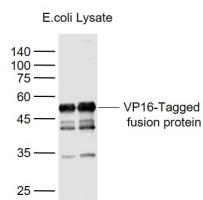
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-5000) ELISA (1:1000-5000)
Clonality: Polyclonal		Reactivity: Species independent
Target: VP16 tag		
Immunogen: KLH conjugated synthetic peptide derived from HSV-1 VP16: 391-490/490aa.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Subcellular Location: Nucleus
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: HSV evades the immune system through interference with MHC class I antigen presentation on the cell surface, by blocking TAP or the transporter associated with antigen processing induced by the secretion of ICP-47 by HSV. In the host cell, TAP transports digested viral antigen epitope peptides from the cytosol to the endoplasmic reticulum, allowing these epitopes to be combined with MHC class I molecules and presented on the surface of the cell. Viral epitope presentation with MHC class I is a requirement for activation of cytotoxic T-lymphocytes (CTLs), the major effectors of the cell-mediated immune response against virally-infected cells. ICP-47 prevents initiation of a CTL-response against HSV, allowing the virus to survive for a protracted period in the host.		

— VALIDATION IMAGES —

Sample: Lane 1: VP16-Tagged Fusion Protein
Overexpression E.coli Lysate (Cat#: bs-41403P)
at 2ug Lane 2: VP16-Tagged Fusion Protein
Overexpression E.coli Lysate (Cat#: bs-41403P)
at 4ug Primary: Anti-VP16 tag (bs-2111R) at
1/1000 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 51 kD Observed band size: 51 kD