

Product datasheet

anti-HSV-1-gD mouse monoclonal, EBS-I-042, purified

Short overview

Cat. No.	691639
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2a kappa
Clone	EBS-I-042
Immunogen	HSV-1 isolate
Formulation	PBS with 0.02% sodium azide
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	ELISA, ICC/IF, IHC
Reactivity	HSV-1
No reactivity	HSV-2

Applications

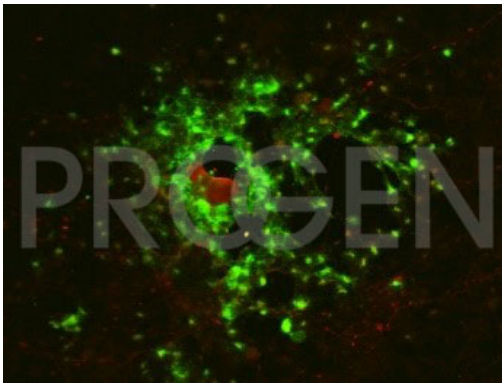
ELISA	1:1-1:100,000 (0.001-100 µg/ml)
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml)

Background

Membrane fusion is mediated by envelope glycoproteins for enveloped viruses like herpes simplex. Four of at least ten viral glycoproteins are necessary and sufficient to facilitate fusion of herpes simplex to target cells. These four glycoproteins include glycoprotein B (gB), glycoprotein D (gD), glycoprotein H (gH) and glycoprotein L (gL). Fusion is dependent upon the expression of a gD receptor on target cell membranes.

Positive control: HSV-1 preparations and HSV-1 infected cells.

Product images



Neurons