

Anti-Human cytomegalovirus (HCMV) Glycoprotein B/gB Antibody (5G670)

Product Details

Ig Type:	Mouse IgG1
Conjugation:	Unconjugated
Clone:	5G670
Purification:	Protein A

Applications

Verified Activity:	Anti-Human cytomegalovirus (HCMV) Glycoprotein B / gB mouse monoclonal antibody at 1:1000 -Sample: Human cytomegalovirus (HCMV) Glycoprotein B / gB -Lane A: 100ng -Lane B: 20ng -Lane C: 4ng -Secondary -Rabbit Anti-Mouse IgG(ab)2/HRP at 1:1000 dilution. -Performed under reducing conditions.
Application:	ELISA,WB
Recommended	WB: 1:1000-1:5000; ELISA: 1:1000-1:2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human CMV gB / Glycoprotein B protein (TMPY-01201)
Antigen Species:	CMV
Synonyms:	Human cytomegalovirus (HCMV) Glycoprotein B/gB

Research Background

Cytomegalovirus (CMV) (human herpesvirus 5) glycoprotein B, also referred as CMV gB or gB, which belongs to the herpesviridae glycoprotein B family. It is a 97-amino acid glycoprotein encoded by the ORF of UL55. Cytomegalovirus Glycoprotein B protein is the most abundant component of the envelope, a target of neutralizing antibodies with at least two defined neutralizing epitopes and an essential replication component. Cytomegalovirus Glycoprotein B protein plays important roles in HCMV entry, cell-cell spread of internal virions, and fusion of infected cells. In addition, Cytomegalovirus Glycoprotein B protein is one envelope protein capable of heparin binding. It forms a physical association with host cell annexin II independent of the presence of calcium.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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