

## Anti-Human cytomegalovirus(HCMV) Glycoprotein B/gB Monoclonal Antibody

catalog number: E-AB-V1262

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

<b>Reactivity</b>	cytomegalovirus
<b>Immunogen</b>	Recombinant Human cytomegalovirus (HCMV) Glycoprotein B / gB Protein (His Tag)
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	38
<b>Purification</b>	Protein A Affinity
<b>Buffer</b>	0.2 µm filtered solution in PBS.

### Applications Recommended Dilution

<b>ELISA</b>	1:5000-1:10000
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### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### 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.

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