

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

E-AB-V1262

Application	ELISA	Host	Rabbit
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Clone No.	38

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

Product Details

Immunogen	Recombinant Human cytomegalovirus (HCMV) Glycoprotein B / gB Protein (His Tag)
Isotype	IgG
Host	Rabbit
Clone No.	38
Reactivity	cytomegalovirus
Dilution	ELISA 1:5000-1:10000
Storage Buffer	0.2 µm filtered solution in PBS
Stability & Storage	Ships on ice packs. Store at -20°C
Description	This antibody was obtained from a rabbit immunized with purified Recombinant Human cytomegalovirus (HCMV) Glycoprotein B / gB Protein (His Tag). And the antibody was purified by Protein A Affinity.

Antigen Information

Alternate Names	Glycoprotein B,gB
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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Applications: Activ- Activation; Block- Blocking; Separation- Cell Separation ; Cell Sep-Neg- Cell Separation by Negative Selection; FA- Functional Assay; Neut- Neutralization; Stim- Stimulation; FCM- Flow Cytometry; ICFCM: Intracellular Staining for Flow Cytometry; WB- Western Blotting; IHC- Immunohistochemistry; IF- Immunofluorescence; IP- Immunoprecipitation