

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

catalog number: E-AB-V1261

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

Description

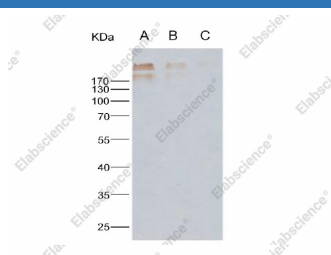
Reactivity	Cytomegalovirus
Immunogen	Recombinant Human cytomegalovirus (HCMV) Glycoprotein B / gB Protein (His Tag)
Host	Mouse
Isotype	Mouse IgG1
Clone	11B10D3E4
Purification	Protein A Affinity
Buffer	0.2 µm filtered solution in PBS.

Applications

Recommended Dilution

WB	1:1000-1:5000
ELISA	1:1000-1:2000

Data



Western Blot analysis of Recombinant Human cytomegalovirus (HCMV) Glycoprotein B / gB Protein (His Tag)(PKSV030208 with 100ng, 20ng and 4ng) using Anti-Human cytomegalovirus(HCMV) Glycoprotein B/gB Monoclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	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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