

Monoclonal anti-cytomegalovirus gB late antigen

Product reference: DDX9040

Description

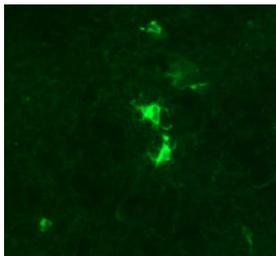
Human cytomegalovirus (CMV) is a member of the herpes virus group that causes major health problems in neonates as well as in immunocompromised individuals. CMV is a double-stranded linear DNA virus. Replication may be divided into immediate early, delayed early, and late gene expression based on time of synthesis after infection. CMV gB (CMV glycoprotein B) is an abundant virion envelope protein that is essential for the infectivity of CMV. CMV gB is also one of the most immunogenic virus-encoded proteins, and a significant fraction of virus neutralizing antibodies are directed at CMV gB.

Clone: 119D7.14
Specificity: CMV gB
Immunogen: CMV gB-transfected 293 cells
Isotype: IgG1
Purification: QMA Hyper D ion exchange chromatography
Formulation/size: **Purified:** 100 µg in 200 µl / 50 µg in 100 µl Tris-NaCl pH 8
Coupled: 100 µg in 200 µl / 50 µg in 100 µl PBS 50% glycerol

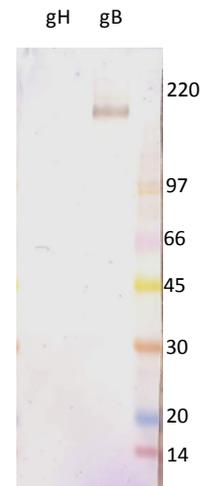
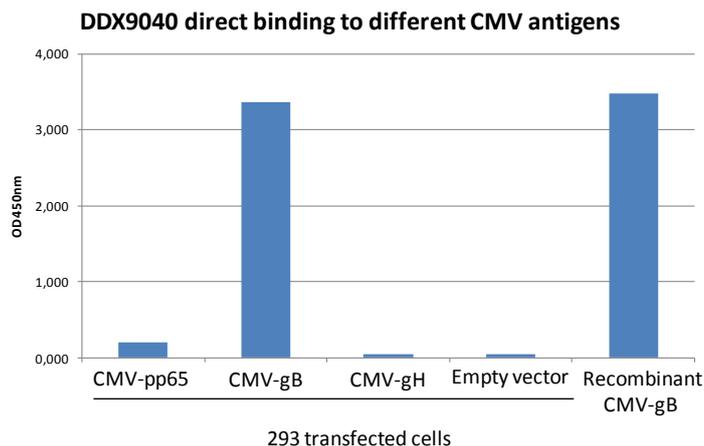
Available formats:

Reference N°		Format	Application tested
50 µg	100 µg		
DDX9040P-50	DDX9040P-100	purified	IF, ELISA, Western-Blot
DDX9040A488-50	DDX9040A488-100	Alexa-fluor®488	
DDX9040A546-50	DDX9040A546-100	Alexa-fluor®546	
DDX9040A647-50	DDX9040A647-100	Alexa-fluor®647	

Other clones available on request



IF staining of CMV-gB – transfected 293 cells with DDX9040



Western-blot using DDX9040

Usage recommendation:

- *This monoclonal antibody may be used between 5-25µg/ml.
- *Optimal dilution should be determined by each laboratory for each application.
- *Coupled antibody: to maintain RT before use.

Aliquot storage conditions:

- 20°C. KEEP CONTENTS STERILE: no preservative.**
- Purified antibodies: avoid repeated freeze/thaw cycles.**
- Coupled antibodies: glycerol protects from freezing.**

Not for use in Humans. For research purpose only