Product datasheet

Anti-Cytomegalovirus Glycoprotein B antibody [2F12] ab6499

Overview

Product name: Anti-Cytomegalovirus Glycoprotein B antibody [2F12]
Description: Mouse monoclonal [2F12] to Cytomegalovirus Glycoprotein B
Host species: Mouse
Tested applications: Suitable for: WB, ELISA, ICC/IF
Immunogen: Cytomegalovirus gB Envelope Protein (UL55, gp58/116, gC-1 and glycoprotein B)
Epitope: Epitope has not been mapped.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Purity: Protein A purified
Clonality: Monoclonal
Clone number: 2F12
Myeloma: NS1/1-Ag4-1
Isotype: IgG1
Light chain type: kappa

Applications

Our Abpromise guarantee covers the use of ab6499 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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## Relevance
Human cytomegalovirus (HCMV) glycoprotein B (gB) is an abundant virion envelope protein that has been shown to be essential for the infectivity of HCMV. HCMV gB is also one of the most immunogenic virus-encoded proteins, and a significant fraction of virus neutralizing antibodies are directed at gB.

## Cellular localization
Virus envelope.

## Images

### Immunocytochemistry/ Immunofluorescence - Anti-Cytomegalovirus Glycoprotein B antibody [2F12] (ab6499)

See protocol for procedure. Procedure uses 10-well CMV slides and anti-Mouse-FITC F(ab')2 w/ counterstain.

### Immunocytochemistry/ Immunofluorescence - Anti-Cytomegalovirus Glycoprotein B antibody [2F12] (ab6499)

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Immunocytochemistry/ Immunofluorescence - Anti-Cytomegalovirus Glycoprotein B antibody [2F12] (ab6499)

Determined by IFA (see protocol section) at an antibody dilution of 1:100 with anti-Mouse-FITC F(ab')2 w/ counterstain.

ELISA - Anti-Cytomegalovirus Glycoprotein B antibody [2F12] (ab6499)

See protocol for procedure. Antigen is CMV Infected Cell Extract coated at a dilution of 1:100.

Western blot - Anti-Cytomegalovirus Glycoprotein B antibody [2F12] (ab6499)

See protocol for procedure. Antigen is CMV Infected Cell Extract at 10 µg/cm.

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