Datasheet for ABIN265598

anti-CMV IE1/2 antibody

1 Image | 3 Publications

Go to Product page

Overview

Quantity:	500 µg
Target:	CMV IE1/2
Reactivity:	Cytomegalovirus (CMV)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CMV IE1/2 antibody is un-conjugated
Application:	Immunofluorescence (IF), Western Blotting (WB)

Product Details

Clone:	CH160
Isotype:	IgG1 kappa
Purification:	Protein G agarose affinity chromatography

Target Details

Target:	CMV IE1/2
Alternative Name:	CMV IE1/2
Target Type:	Viral Protein
Background:	Mouse monoclonal antibody to IE 1/2 of Cytomegalovirus. This antibody originates from ascites fluids and is purified by protein G agarose affinity chromatography.

Application Details

Application Notes:	Reactive with immediate early protein 1 and 2 of Cytomegalovirus in immunofluorescence (IFA) and western blots assays at 10 ug/ml.
Restrictions:	For Research Use only

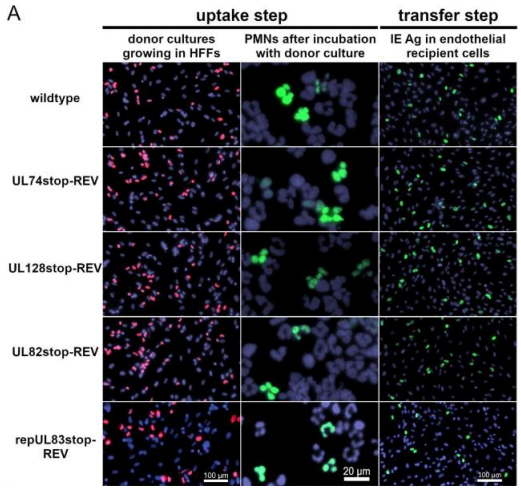
Handling

Concentration:	1.0 mg/ml
Buffer:	Phosphate Buffered Saline pH 7.4 (no azide)
Preservative:	Azide free
Storage:	-20 °C

Publications

Product cited in:	Maier, Reichhart, Gonnermann, Kociok, Riechardt, Gundlach, Strauß, Joussen: "Effects of TNFα receptor TNF-Rp55- or TNF-Rp75- deficiency on corneal neovascularization and lymphangiogenesis in the mouse." in: **PLoS ONE**, Vol. 16, Issue 4, pp. e0245143, (2021) (PubMed).

Images



Immunofluorescence

Image 1. Comparison of Merlin-RL13tetO wild-type and the revertants used in this study during PMN-mediated transmission. PMNs were isolated from EDTA blood of HCMV-seronegative donors and incubated for 3 h at 37 °C with Merlin-RL13tetO, Merlin-RL13tetO-UL74stop-REV, Merlin-RL13tetO-UL128stop-REV, Merlin-RL13tetO-UL82stop-REV or repMerlin-RL13tetO-UL83stop-REV. PMNs were recollected, and a fraction was used for the preparation of cytospots. Donor cultures were fixed and stained via indirect immunofluorescence for viral IE Ag (pink nuclei). PMNs were fixed and stained for viral pp65 (green nuclei). The remaining PMNs were incubated with uninfected recipient HEC-LTTs for 3 h at 37 °C. After

incubation, PMNs were removed. On the next day, cultures were fixed and stained for viral IE Ag via indirect immunofluorescence (green nuclei). Cell nuclei were counterstained with DAPI (purple nuclei). Source: PMID35891541