

Product Datasheet

HCMV gH antibody orb1463363

Description	Mouse monoclonal antibody to HCMV gH
Species/Host	Mouse
Reactivity	Virus
Conjugation	Unconjugated
Tested Applications	ELISA, IF, IP
Immunogen	The original antibody was generated by immunization of mice with purified HCMV strain AD169.
Target	HCMV gH
Concentration	1 mg/ml
Preservatives	PBS with 0.02% Proclin 300.
Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Note	For research use only.
Isotype	IgG1
Clonality	Monoclonal
Purity	Purified
Clone ID	HCMV16
Uniprot ID	Q6SW67
Expiration Date	12 months from date of receipt.
Application Notes	This antibody successfully precipitates glycoprotein H from both HCMV infected cell lysates and HCMV-gH-VAC-infected cell lysates. Cellular localization of HCMV-gH studied by immunofluorescence on recombinant vaccinia virus and HCMV-infected cells using HCMV-16. HCMV-16 strongly neutralizes HCMV infectivity in vitro (PMID: 2831402). The reshaped humanized antibody recognized cells infected with a variety of virus strains and neutralized clinical isolates of CMV as efficiently as laboratory strains in a conventional plaque reduction assay (PMID: 9207350).