

Anti-Glycoprotein H [MAb 5] Standard Size Ab00977-2.0

Isotype and Format: Mouse IgG2a, Kappa

Clone Number: MAb 5

Alternative Name(s) of Target: gH

UniProt Accession Number of Target Protein: P12824

Published Application(s): ELIS, IP, RIA

Published Species Reactivity: HCMV

Immunogen: The antibody was raised by immunising BALB/c mice against purified HCMV, which expresses gH, in incomplete Freud's adjuvant.

Specificity: The antibody is specific to gH, which has at least two nonoverlapping antigenic sites A and B as well as an overlapping site AB. This antibody binds Site A with an affinity ~5x lower than antibodies for Site B.

Application Notes: The antibody specifically immunoprecipitates the gH protein. Its association constant for gH has been estimated using competitive binding solid-phase RIA.

Antibody First Published in: Simpson et al. Neutralizing Monoclonal Antibodies That Distinguish Three Antigenic Sites on Human Cytomegalovirus Glycoprotein H Have Conformationally Distinct Binding Sites *Journal of Virology*, Jan. 1993, p.489-496 [PMID:7677958](#)

Note on publication: Describes the generation of several anti-gH antibodies and mapping of antigenic sites to which they bind.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.