

Anti-HIV-1 GP41 [HGF24] Standard Size Ab00271-10.0

Made with Antibody Sequences licensed from Humabs Biomed SA.

Isotype and Format: Human IgG1, Lambda

Clone Number: HGF24

Alternative Name(s) of Target: Envelope glycoprotein GP120

UniProt Accession Number of Target Protein:

Published Application(s): NTRL

Published Species Reactivity: HIV-1

Immunogen: Made by immortalizing IgG-expressing B cells from patients infected with diverse clades of HIV-1

Specificity: HIV-1 neutralising antibody, that binds to the HR-2 region within gp41 (glycoprotein 41). Binding has been mapped to the linear epitope "TNLIYTLIEESQN".

Application Notes:

Antibody First Published in: Corti et al. Analysis of memory B cell responses and isolation of novel monoclonal antibodies with neutralizing breadth from HIV-1-infected individuals. PLoS One. 2010 Jan 20;5(1):e8805. doi: 10.1371/journal.pone.0008805. [PMID:20098712](#)

Note on publication:

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.