

## Anti-HIV-1 GP120 [HJ16] Standard Size Ab00274-23.0

Made with Antibody Sequences licensed from Humabs Biomed SA.

This chimeric rabbit antibody was made using the variable domain sequences of the original human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** HJ16

**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, which has specificity for the CD4 binding site on gp120.

**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.