

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

VRC-CH31 antibody

RRID:AB_2491024

Type: Antibody

Proper Citation

bNAber Cat# bNAberID_6, RRID:AB_2491024

Antibody Information

URL: http://antibodyregistry.org/AB_2491024

Proper Citation: bNAber Cat# bNAberID_6, RRID:AB_2491024

Target Antigen: HIV-1 Envelope CD4 binding site

Host Organism: human

Clonality: monoclonal

Comments: Donor is Donor 0219

Antibody Name: VRC-CH31 antibody

Description: This monoclonal targets HIV-1 Envelope CD4 binding site

Target Organism: human

Defining Citation: [PMID:21835983](#)

Antibody ID: AB_2491024

Vendor: bNAber

Catalog Number: bNAberID_6

Record Creation Time: 20250819T235452+0000

Record Last Update: 20250820T064813+0000

Ratings and Alerts

No rating or validation information has been found for VRC-CH31 antibody.

No alerts have been found for VRC-CH31 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Hossain MA, et al. (2022) B cells expressing IgM B cell receptors of HIV-1 neutralizing antibodies discriminate antigen affinities by sensing binding association rates. Cell reports, 39(13), 111021.

Duan H, et al. (2018) Glycan Masking Focuses Immune Responses to the HIV-1 CD4-Binding Site and Enhances Elicitation of VRC01-Class Precursor Antibodies. Immunity, 49(2), 301.