

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

VRC03 antibody

RRID:AB_2491021

Type: Antibody

Proper Citation

bNAber Cat# bNAberID_3, RRID:AB_2491021

Antibody Information

URL: http://antibodyregistry.org/AB_2491021

Proper Citation: bNAber Cat# bNAberID_3, RRID:AB_2491021

Target Antigen: HIV-1 Envelope CD4 binding site

Host Organism: human

Clonality: monoclonal

Comments: Donor is Donor 45

Antibody Name: VRC03 antibody

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

Target Organism: human

Defining Citation: [PMID:20616233](#)

Antibody ID: AB_2491021

Vendor: bNAber

Catalog Number: bNAberID_3

Record Creation Time: 20250819T233130+0000

Record Last Update: 20250820T053638+0000

Ratings and Alerts

No rating or validation information has been found for VRC03 antibody.

No alerts have been found for VRC03 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Zhang Z, et al. (2024) Membrane HIV-1 envelope glycoproteins stabilized more strongly in a pretriggered conformation than natural virus Envs. iScience, 27(7), 110141.

Prévost J, et al. (2022) HIV-1 Vpu restricts Fc-mediated effector functions in vivo. Cell reports, 41(6), 111624.

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.

Bonsignori M, et al. (2018) Inference of the HIV-1 VRC01 Antibody Lineage Unmutated Common Ancestor Reveals Alternative Pathways to Overcome a Key Glycan Barrier. Immunity, 49(6), 1162.