

Anti-Rhesus IgG1 [3C10.3] Standard Size Ab01623-4.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Mouse IgG2c, Fc Silent™, Kappa

Clone Number: 3C10.3

Alternative Name(s) of Target: rhesus immunoglobulin G1; immunoglobulin G 1; immunoglobulin; Mumu_a_Mamu_IgG1_3C10.3

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity: Rhesus

Immunogen: This antibody was raised by immunizing mice against a rhesus immunoglobulin.

Specificity: This antibody is specific to rhesus IgG1.

Application Notes: This antibody is recommended for the detection and analysis of rhesus IgG1. It was shown to react specifically with rhesus IgG1 via ELISA. The specificity of this antibody was further confirmed when it was used in research on CD4 follicular helper T cell skewing on antibody responses to an HIV-1 vaccine in rhesus macaques (Verma et al., 2020; pmid: 31827000).

Antibody First Published in: Verma et al. Impact of Th1 CD4 Follicular Helper T Cell Skewing on Antibody Responses to an HIV-1 Vaccine in Rhesus Macaques. J Virol. 2020 Feb 28;94(6). pii: e01737-19. doi: 10.1128/JVI.01737-19. Print 2020 Feb 28 PMID:31827000

Note on publication: This article describes the earliest published application of this antibody and confirms its specificity.

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.