

Anti-Rhesus IgA alpha chain [10F12] Standard Size Ab01272-23.0

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

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 10F12

Alternative Name(s) of Target: α-rhesus IgA

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity: rhesus macaque

Immunogen:

Specificity: This antibody reacts with macaque IgA alpha chain. It does not react with human IgA.

Application Notes: A biotinylated version of this antibody has been used in ELISA analysis to quantify HIV-1 or SIV Env-specific and total IgA in rhesus macaque plasma, milk and mucosal samples following viral infection or passive immunisation (Amos et al, 2015; Fouda et al, 2017; Eudailey et al, 2018).

Antibody First Published in: Fouda et al. Systemic administration of an HIV 1 broadly neutralizing dimeric IgA yields mucosal secretory IgA and virus neutralization Mucosal Immunol. 2017 Jan; 10(1): 228-237. [PMID:27072605](#)

Note on publication: This antibody is from the laboratory of Keith Reimann, DVM, Beth Israel Deaconess Medical Center.

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.