

## Anti-Human IgG [8E11] Standard Size Ab01270-23.0

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:** 8E11

**Alternative Name(s) of Target:** Human immunoglobulin G

**UniProt Accession Number of Target Protein:**

**Published Application(s):** ELISA, IF

**Published Species Reactivity:** chimpanzee, mangabey, vervet, Human

**Immunogen:** This antibody was raised by immunising mice with baboon IgG and screening hybridomas against IgG of different primate species.

**Specificity:** This antibody reacts with human IgG1, IgG2, IgG3, and IgG4, as well as mangabey, vervet and chimpanzee IgG. It has minimal reactivity with rhesus macaque, cynomolgus monkey or pigtailed macaque IgG.

**Application Notes:** The ability of this antibody to distinguish between human and macaque IgG has been confirmed in ELISA analysis. As a result of this specificity, this antibody has been used in immunofluorescence analysis to detect intravenously-administered human IgG in formaldehyde-fixed rhesus tissue sections (Schneider et al, 2017).

**Antibody First Published in:** Schneider et al. Long-term direct visualization of passively transferred fluorophore-conjugated antibodies. J Immunol Methods. 2017 Nov;450:66-72 [PMID:28780040](#)

**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.