

Human IgG3 Rabbit mAb

Catalog NO.: A23914 **Recombinant**

Basic Information

Observed MW

68kDa (Recombinant protein)

Calculated MW

41kDa/49kDa

Category

Monoclonal Antibodies

Applications

WB, ELISA

Cross-Reactivity

Human

Conjugation

Unconjugated

Clone number

ARC62453

Background

Predicted to enable antigen binding activity and immunoglobulin receptor binding activity. Involved in retina homeostasis. Located in blood microparticle and extracellular exosome. IgG is a monomeric immunoglobulin, built of two heavy chains gamma and two light chains. Each molecule has two antigen binding sites. This is the most abundant immunoglobulin and is approximately equally distributed in blood and in tissue liquids, constituting 75% of serum immunoglobulins in humans. There are 4 subclasses: IgG1 (66%), IgG2 (23%), IgG3 (7%) and IgG4 (4%).

Recommended Dilutions

WB 1:1000 - 1:2000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID	Swiss Prot
3502	P01860

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

IgG3; Human IgG3

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

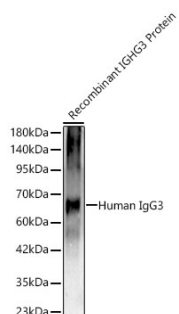
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of recombinant IGHG3 protein, using Human IgG3 Rabbit mAb (A23914) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 10ng per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.

