

human IgG Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO1002a**Specification**

human IgG Antibody - Product Information

Application	WB
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	50kDa KDa

Description

Monoclonal anti-human IgG is derived from the hybridoma1 produced by the fusion of mouse myeloma cells and splenocytes from an immunized mouse. It is specific for the whole human IgG molecule, has no cross action with human IgM molecule as determined by an ELISA. Reactivity is observed with all human IgG subclasses but not with the Fab fragment of human IgG, the antibody site is located in the terminal end of human IgG (part of the Fab fragment), the Fc portion has various important functions such as complement fixation, site for rheumatoid factor.

Immunogen

Human IgG was isolated from human sera and purified by chromatography.

Formulation

Purified antibody in PBS containing 0.03% sodium azide.

human IgG Antibody - Additional Information**Dilution**

WB~~1/500 - 1/2000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

human IgG Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

human IgG Antibody - Protein Information**human IgG Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

human IgG Antibody - Images

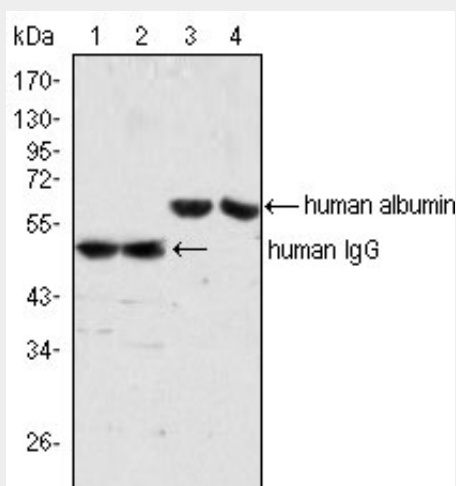


Figure 1: Western blot analysis using IgG mouse mAb (lane 1, 2) and Albumin mouse mAb (lane 3, 4) against human serum (lane 1, 3) and plasma (lane 2, 4).

human IgG Antibody - References

1. Roitt, I, et al "Immunology", Mosby, London, England, (1996) fourth edition.
2. Vlug, A. et al "The structure and function of human IgG subclasses". Eur.Clin.Lab. 8, 26 (1989).