

human IgG Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO1002a

Product Information

Application	WB, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	4D2D9G8, 4A10
Isotype	IgG1
Calculated MW	50 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 across 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.

Additional Information

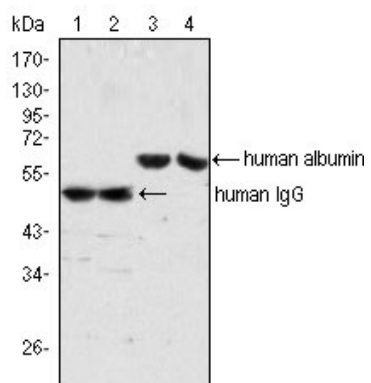
Dilution	WB~~1/500 - 1/2000 E~~N/A
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	human IgG Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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).

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.