

Product Name: human IgG Mouse Monoclonal Antibody**Catalog #:** AMM80501

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	50kDa

Antigen Information

Gene Name	human IgG
Alternative Names	human IgG
Gene ID	
SwissProt ID	
Immunogen	Human IgG was isolated from human sera and purified by chromatography.

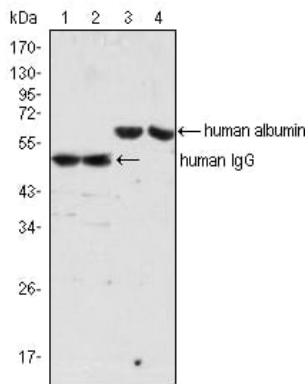
Background

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.

Research Area

Image Data



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).