

**Product Name: Human IgG (2D7) Mouse Monoclonal Antibody**  
**Catalog #: AMM03304**



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## Summary

<b>Production Name</b>	Human IgG (2D7) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	IGHG1
<b>Alternative Names</b>	IGHG1; Ig gamma-1 chain C region
<b>Gene ID</b>	-
<b>SwissProt ID</b>	-

## Application

<b>Dilution Ratio</b>	ELISA: 1/10000
<b>Molecular Weight</b>	-

## Background

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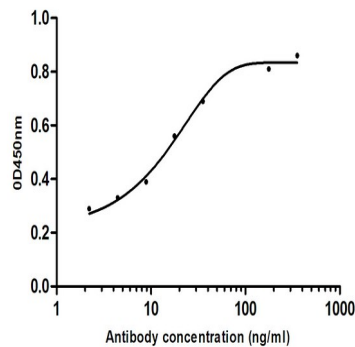


IgG is a monomeric immunoglobulin, built of two heavy chains gamma and two light chains. Each molecule has two antigen binding sites. This is the most abundant immunoglobulin and is approximately equally distributed in blood and in tissue liquids, constituting 75% of serum immunoglobulins in humans.

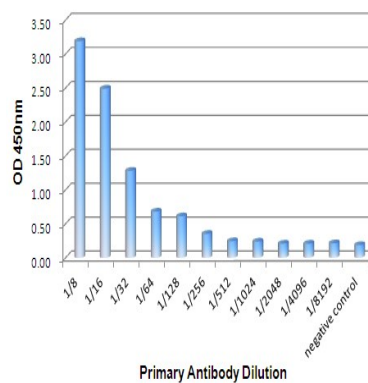
## Research Area

Immunology

## Image Data



Recombinant Anthrax Protective Antigen used as Coating antigen, followed by AntiAnthrax Protective Antigen Human antibody and then incubated with AntiHuman IgG(201068) mouse mAb, HRP conjugated goat anti mouse IgG was used for coloring.



Recombinant Anthrax Protective Antigen used as Coating antigen, followed by different dilutions of supernatants which includes secreted AntiAnthrax Protective Antigen Human antibody, HRP conjugated AntiHuman IgG(201068) mouse mAb was used for coloring.

## Note

For research use only.