

# Anti-Mouse IgG1 Rat [4A6] Monoclonal Antibody

## AGMB04692

### Description

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This Anti-Mouse IgG1 Rat [4A6] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	AGMB04692
<b>Contents:</b>	50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	IgG1, Ig gamma-1 chain C region
<b>Applications:</b>	<b>WB</b> <b>ELISA</b>
<b>Research Area:</b>	Immunology
<b>Form:</b>	Liquid

### Antibody Data

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<b>Reactivity:</b>	Mouse
<b>Clone:</b>	4A6
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	P01868
<b>Immunogen:</b>	Mouse IgG1
<b>Gene ID:</b>	16017
<b>Gene Name:</b>	Ighg1

#### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

**Host Species:** Rat

**Isotype:** IgG2a

**Purification:** Affinity Purified

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** Calculated MW: 36,44 kDa, Observed MW: 36,44 kDa

## Preparation & Storage

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**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in PBS containing 0.09% sodium azide as a preservative.

Antibody Dilution Ratio:	Application	Antibody Dilution Ratio
	WB	1:500-1:1000
	ELISA	1:1000

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.