

# Anti-mGluR1 [R05-1B8] Monoclonal Antibody

AGMB00873

## Description

---

This Anti-mGluR1 [R05-1B8] 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

---

<b>SKU:</b>	AGMB00873
<b>Contents:</b>	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	GRM1, GPRC1A, MGLUR1, Metabotropic glutamate receptor 1, mGluR1, Glutamate receptor metabotropic 1, GPRC1A, GRM1 alpha,
<b>Applications:</b>	
<b>Research Area:</b>	Neuroscience
<b>Form:</b>	Liquid

## Antibody Data

---

<b>Reactivity:</b>	Human, Mouse, Rat
<b>Clone:</b>	R05-1B8
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	Q13255
<b>Immunogen:</b>	A synthesized peptide derived from human mGluR1
<b>Gene ID:</b>	2911

### Manufacturers Statement

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

**Gene Name:** GRM1

**Host Species:** Rabbit

**Isotype:** IgG

**Purification:** Affinity Chromatography

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** Calculated MW: 132 kDa, Observed MW: 101 kDa

## Preparation & Storage

---

**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 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

<b>Antibody Dilution Ratio:</b>	<b>Application</b>	<b>Antibody Dilution Ratio</b>
	WB	1:500-1:1000

**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.