

# Anti-GCN2 [R15-6Y-8] Monoclonal Antibody

## AGMB00158

### Description

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This Anti-GCN2 [R15-6Y-8] 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>	AGMB00158
<b>Contents:</b>	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	PVOD2, GCN2-like protein, KIAA1338, EIF2AK4, E2AK4_HUMAN, Eif2ak4, Eukaryotic Translation Initiation Factor 2 alpha kinase 4,
<b>Applications:</b>	<b>WB</b> <b>IHC-P</b> <b>ICC/IF</b> <b>FC</b>
<b>Research Area:</b>	Epigenetics
<b>Form:</b>	Liquid

### Antibody Data

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<b>Reactivity:</b>	Human
<b>Clone:</b>	R15-6Y-8
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	Q9P2K8
<b>Immunogen:</b>	A synthesized peptide derived from human GCN2
<b>Gene ID:</b>	440275

#### Manufacturers Statement

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

**Gene Name:** EIF2AK4

**Host Species:** Rabbit

**Isotype:** IgG

**Purification:** Affinity Chromatography

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** Calculated MW: 187kDa, Observed MW: 187kDa

## 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 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	1:1000-1:2000
	IHC	1:100-1:200
	IF	1:50-1:200
	FC	1:50

**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.