

# Anti-ERK2 [4C2] Monoclonal Antibody -Knockout Validated

## AGMB06625

### Description

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This Anti-ERK2 [4C2] Monoclonal Antibody -Knockout Validated 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>	AGMB06625
<b>Contents:</b>	50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	ERK, p38, p40, p41, ERT1, MAPK2, PRKM1, P42MAPK, p41mapk, MAPK
<b>Applications:</b>	<b>WB</b> <b>IHC-P</b>
<b>Research Area:</b>	Neuroscience
<b>Form:</b>	Liquid

### Antibody Data

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<b>Reactivity:</b>	Human, Mouse, Rat, Monkey
<b>Clone:</b>	4C2
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	P28482
<b>Immunogen:</b>	Full length human recombinant protein of human MAPK1 produced in 293T cell.
<b>Gene ID:</b>	5594

#### Manufacturers Statement

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

**Gene Name:** MAPK1  
**Host Species:** Mouse  
**Isotype:** IgG1  
**Purification:** Affinity Purified  
**Conjugated:** Unconjugated  
**Modification:** Unmodified  
**Molecular Weight:** Calculated MW: 41 kDa, Observed MW: 41 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 50% glycerol, 1% BSA and 0.02% sodium azide, pH 7.3.

<b>Antibody Dilution Ratio:</b>	<b>Application</b>	<b>Antibody Dilution Ratio</b>
	WB	1:500-1:1000
	IHC	1:50-1:100

**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.