

# Anti-Phospho-ERK1/2 (Thr202/Thr185) [R49-1Y-4] Monoclonal Antibody AGMB05132

## Description

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This Anti-Phospho-ERK1/2 (Thr202/Thr185) [R49-1Y-4] 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>	AGMB05132
<b>Contents:</b>	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	MAPK3, MK03, MNK1, p44-ERK1, P44-ER, ERK-1, ERK1, ERT2, kinase ERK1, MAP kinase 1, MAPK 1,
<b>Applications:</b>	<b>WB</b> <b>IHC-P</b> <b>ICC/IF</b> <b>IP</b>
<b>Research Area:</b>	Neuroscience
<b>Form:</b>	Liquid

## Antibody Data

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<b>Reactivity:</b>	Human, Mouse, Rat
<b>Clone:</b>	R49-1Y-4
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	P27361
<b>Immunogen:</b>	A synthesized peptide derived from human Phospho-ERK1 (T202) + ERK2 (T185)
<b>Gene ID:</b>	5595/5594

### Manufacturers Statement

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

**Gene Name:** MAPK1/MAPK3

**Host Species:** Rabbit

**Isotype:** IgG

**Purification:** Affinity Chromatography

**Conjugated:** Unconjugated

**Modification:** Phosphorylated

**Molecular Weight:** Calculated MW: 42,44 kDa, Observed MW: 42,44kDa

## 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
	IP	1:40

**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.