

# Anti-Phospho-ERK1/2 (Tyr222/Tyr205) (1H4) [1H4-6D7-9D8] Monoclonal Antibody

AGMB05127

## Description

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This Anti-Phospho-ERK1/2 (Tyr222/Tyr205) (1H4) [1H4-6D7-9D8] 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>           | AGMB05127   |
| <b>Contents:</b>      | 20µl, 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml)   |
| <b>Synonyms:</b>      | MAPK3, ERK1, ERT2, ERK-1, PRKM3, P44ERK1, P44MAPK, HS44KDAP, HUMKER1A, p44-ERK1, p44-MAPK, MAPK1, ERK, p38, p40, p41, ERK2, ERT1, ERK-2, MAPK2, PRKM1, PRKM2, P42MAPK, p41mapk, p42-MAPK. |
| <b>Applications:</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                    |
| <b>Clone:</b>        | 1H4-6D7-9D8                          |
| <b>Clonality:</b>    | Monoclonal Antibody                  |
| <b>SwissProt ID:</b> | P27361/P28482                        |
| <b>Immunogen:</b>    | Synthetic peptide conjugated to KLH. |

### Manufacturers Statement

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

**Gene ID:** 5595/5594

**Gene Name:** MAPK1/MAPK3

**Host Species:** Mouse

**Isotype:** IgG1

**Purification:** Affinity Purified

**Conjugated:** Unconjugated

**Modification:** Phosphorylated

**Molecular Weight:** -

## 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, 0.5% BSA and 0.02% sodium azide, pH 7.3.

| Antibody Dilution Ratio: | Application | Antibody Dilution Ratio |
|--------------------------|-------------|-------------------------|
|                          | 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.