

## ERK1/2 (9A4) MOUSE MAB

货号: N261385

产品全名: ERK1/2 (9A4) 小鼠单抗

基因符号 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.

**UNIPROT ID:** P27361/P28482

**背景:** Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. MAPK1/ERK2 and MAPK3/ERK1 are the 2 MAPKs which play an important role in the MAPK/ERK cascade. They participate also in a signaling cascade initiated by activated KIT and KITLG/SCF. Depending on the cellular context, the MAPK/ERK cascade mediates diverse biological functions such as cell growth, adhesion, survival and differentiation through the regulation of transcription, translation, cytoskeletal rearrangements.

**抗原:** Synthetic peptide conjugated to KLH.

**经过测试的应用:** WB,IHC-P

**推荐稀释比:** WB: 1/500-1/1000 IHC: 1/50-1/100

**种属反应性:** Mouse

**克隆性:** Mouse Monoclonal

**克隆编号:** 9A4-2D4-7A3

**分子量:** Calculated MW: 44,42 kDa; Observed MW: 44,42 kDa

**亚型:** IgG1

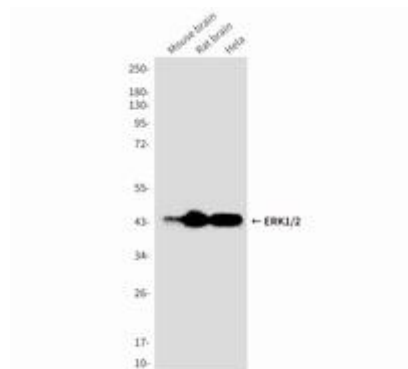
**纯化:** Affinity Purified

**种属反应性:** Human,Rat,Mouse

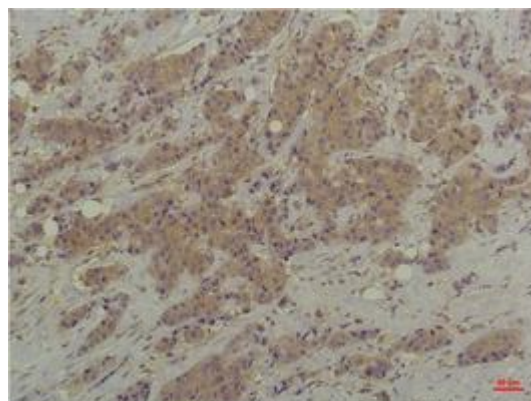
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**研究领域:** Cell Biology

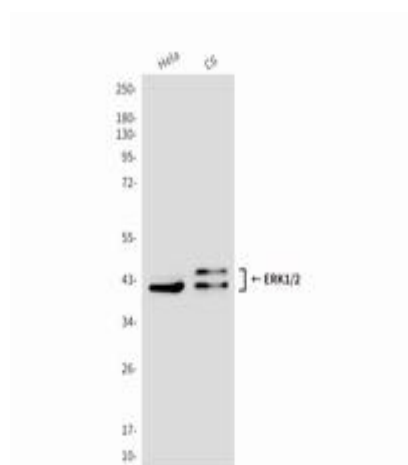
**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of ERK1/2 (9A4) in mouse brain, rat brain, HeLa lysates using ERK1/2 (9A4) antibody



Immunohistochemistry analysis of paraffin-embedded Human Breast Carcinoma using ERK1/2 (9A4) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of ERK1/2 (9A4) in HeLa, C6 lysates using ERK1/2 (9A4) antibody