

## ERK1/2 (9A4) Mouse mAb (PBS Only)

db6621-PBS

Package : 可询价

**Product Name :** ERK1/2 (9A4) Mouse mAb (PBS Only)

**Cat.No.:** db6621-PBS

**Synonyms :** 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

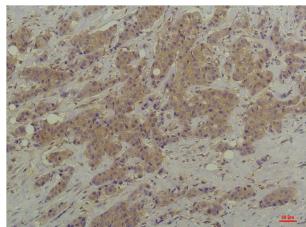
**Application :** WB, IHC-P

**Reactivity :** Human, Rat, Mouse

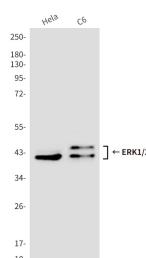
**Host species :** Mouse

<b>Background</b>	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.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH
<b>Gene ID</b>	5594, 5595
<b>Swiss Prot</b>	P27361, P28482
<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>Reactivity</b>	Human, Rat, Mouse
<b>Application</b>	WB, IHC-P
<b>Calculated MW</b>	44,42 kDa
<b>Observed MW</b>	44,42 kDa
<b>Host species</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	9A4-2D4-7A3
<b>Isotype</b>	IgG1
<b>Purity</b>	Affinity Purification

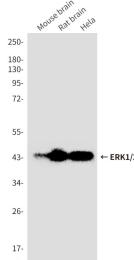
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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



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