

ERK1/2 (4F3) Mouse mAb (PBS Only)

db6298-PBS

Package : 可询价

Product Name : ERK1/2 (4F3) Mouse mAb (PBS Only)

Cat.No.: db6298-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

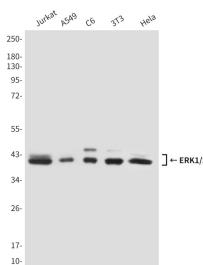
Application : WB

Reactivity : Human, Mouse, Rat

Host species : Mouse

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| Background | 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. |
| Immunogen | Human p44 MAPK (Erk1) synthetic peptide conjugated to KLH |
| Gene ID | 5595, 5594 |
| Swiss Prot | P27361, P28482 |
| 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 |
| Reactivity | Human, Mouse, Rat |
| Application | WB |
| Calculated MW | 44,42 kDa |
| Observed MW | 42,44 kDa |
| Host species | Mouse |
| Clonality | Monoclonal |
| Clonality No. | 4F3-A10-E7 |
| Isotype | IgG1 |
| Purity | Affinity Purification |

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|--------------------------|---|
| Conjugation | Un-conjugated |
| Concentration | 1 mg/mL |
| Formulation | PBS Only |
| Storage Stability | 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. |



Western blot analysis of ERK1/2 (4F3) in Jurkat, A549, C6, 3T3 and HeLa lysates using p44/42 MAPK (Erk1/2) antibody.