



Phospho-ERK1/2 (Tyr222/Tyr205) (10C8) Mouse mAb

db6576 Package : 50μL 100μL

Product Name: Phospho-ERK1/2 (Tyr222/Tyr205) (10C8) Mouse mAb

Cat.No.: db6576

Synonyms: MAPK; Mitogen-activated protein Kinase; PRKM2;MK01

Application: HC-P

Reactivity: Human, Rat, Mouse

Host species: Mouse

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 Synthetic peptide conjugated to KLH

Gene ID 5594, 5595

Swiss Prot P27361, P28482

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Reactivity Human, Rat, Mouse

Application HC-P

Recommended dilution IHC: 1:50-1:100

Host species Mouse

Clonality Monoclonal

Clonality No. 10C8-9F6-10C8

Isotype IgG1

Purity Affinity Purification

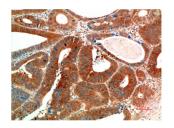
Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA.

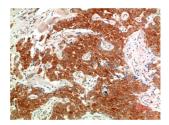
Stable for 12 months from date of receipt.







Immunohistochemistry analysis of paraffin-embedded Human Colon Carcinoma Tissue using Phospho-ERK1/2 (Tyr222/Tyr205) (10C8) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using Phospho-ERK1/2 (Tyr222/Tyr205) (10C8) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.