

## 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** : IHC-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

**Synonyms**

MAPK; Mitogen-activated protein Kinase; PRKM2;MK01

**Reactivity**

Human, Rat, Mouse

**Application**

IHC-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.