

Phospho-ERK1/2 (Tyr222/Tyr205) (1H4) Mouse mAb

db6548

Package : 50µL 100µL

Product Name : Phospho-ERK1/2 (Tyr222/Tyr205) (1H4) Mouse mAb**Cat.No.:** db6548**Synonyms** : MAPK1/MAPK3**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

MAPK1/MAPK3

Reactivity

Human, Rat, Mouse

Application

IHC-P

Recommended dilution

IHC: 1:50-1:100

Host species

Mouse

Clonality

Monoclonal

Clonality No.

1H4-6D7-9D8

Isotype

IgG1

Purity

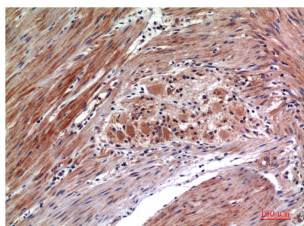
Affinity Purification

Conjugation

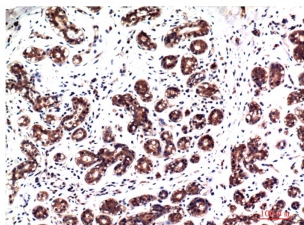
Un-conjugated

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) (1H4) 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) (1H4) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.