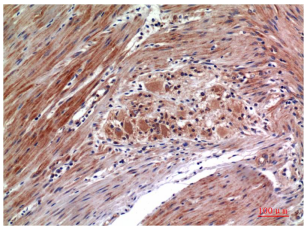
Phospho-ERK1/2 (Tyr222/Tyr205) (1H4) Mouse mAb

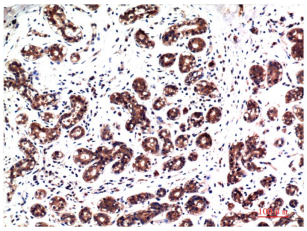
db6548 **Package : 50μL 100μL**

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.