

Anti-ERK1 Mouse mAb

Purified Mouse Monoclonal Antibody

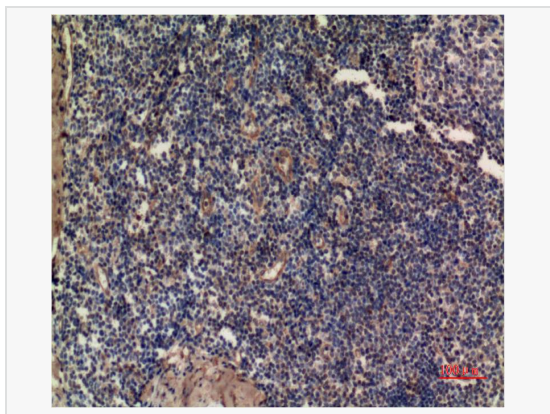
Catalog # M010138

Product Information

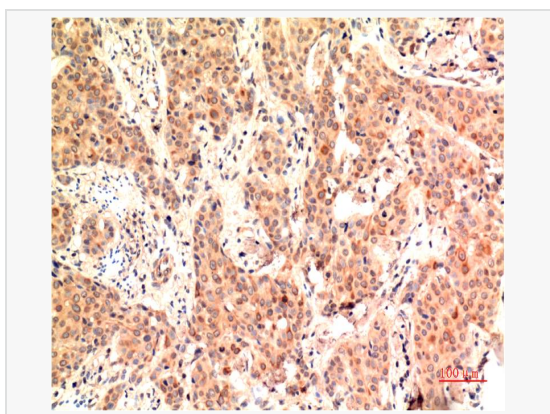
Application	IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Rat, Mouse (Cell)
Dilution	IHC-P 1:50~1:100
Host	Mouse
Clonality	Monoclonal
Clone No.	18M28L14
Isotype	IgG1
Label	Unconjugated
Immunogen	Purified recombinant protein expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-ERK1 antibody [18M28L14] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	MAPK3.
Uniprot ID	P27361
Gene ID	5595
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.



Immunohistochemistry analysis of paraffin-embedded Human Tonsil Tissue using ERK1 antibody [18M28L14]. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using ERK1 antibody [18M28L14]. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.