

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ERK1 (7E7) MOUSE MAB

Cat.#: N261334

Product Name: Anti-ERK1 (7E7) Mouse Monoclonal Antibody

Synonyms: MAPK3

UNIPROT ID: P27361

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: Purified recombinant protein expressed in E.coli. Applications: IHC-P

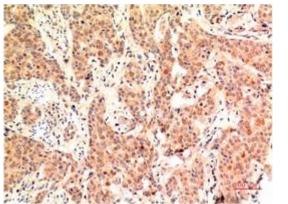
Recommended Dilutions: IHC: 1/50-1/100 Host Species: Mouse Clonality: Mouse Monoclonal Clone ID: 7E7-10H1-7B6 MW: -Isotype: IgG1 Purification: Affinity Purified Species Reactivity: Human,Rat,Mouse Conjugation: Unconjugated Modification: Unmodified Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide Research Areas: Cell Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

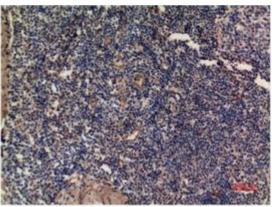


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Immunohistochemical analysis of paraffin-embedded Human tonsils using ERK1 (7E7) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded Human Tonsil Tissue using ERK1 (7E7) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.