

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **ERK1 (1D10) MOUSE MAB**

Cat.#: N261336

Product Name: Anti-ERK1 (1D10) 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: 1D10-8A3-8C6

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

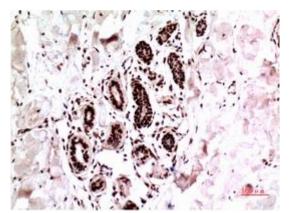
Research Areas: Cell Biology

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

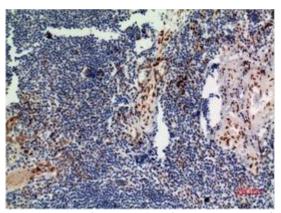


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Immunohistochemical analysis of paraffin-embedded Human tonsils using ERK1 (1D10) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded Human Tonsil Tissue using ERK1 (1D10) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.