

Rabbit anti-ERK2 antibody, clone SQab1744 (monoclonal)

Clone no. SQab1744

MONOSAN

Product name	Rabbit anti-ERK2 antibody, clone SQab1744 (monoclonal)
Host	Rabbit
Applications	FC, IHC-P, IP, WB
Species reactivity	Human
Conjugate	-
Immunogen	Synthetic peptide around the C-terminus of Human ERK2.
Isotype	-
Clonality	Monoclonal
Clone number	SQab1744
Size	100 ul
Concentration	n/a
Format	Purification with Protein A.
Storage buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Storage until expiry date	-20°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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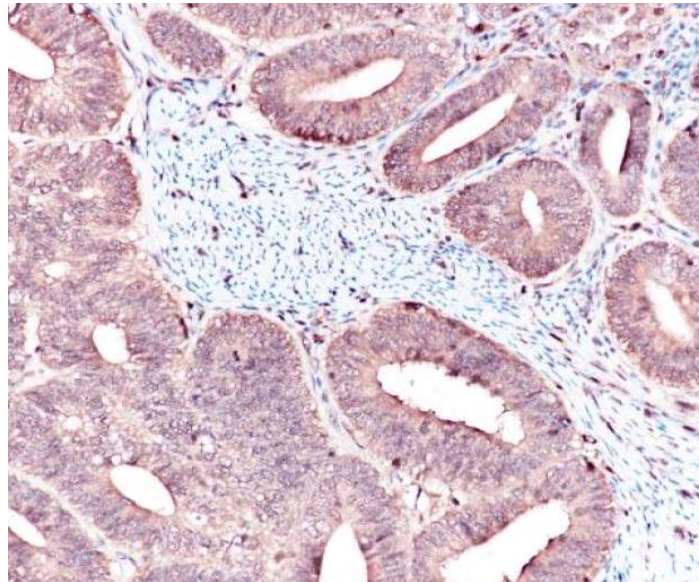
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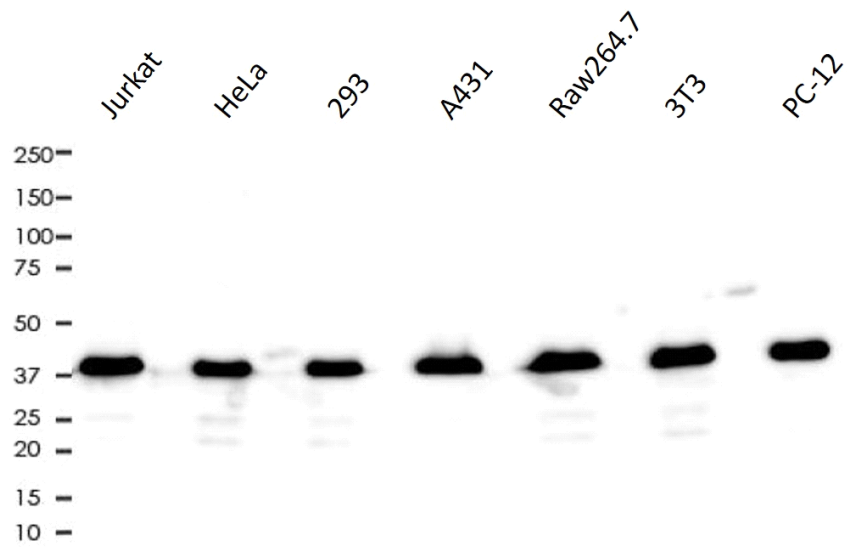
Additional info

Application note: IHC-P: Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0).* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. Storage instruction: For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. Background: ERK2 is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The activation of this kinase requires its phosphorylation by upstream kinases. Upon activation, this kinase translocates to the nucleus of the stimulated cells, where it phosphorylates nuclear targets. One study also suggests that this protein acts as a transcriptional repressor independent of its kinase activity. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. Two alternatively spliced transcript variants encoding the same protein, but differing in the UTRs, have been reported for this gene. [provided by RefSeq, Jan 2014]

Images



Immunohistochemistry: Formalin-fixed and paraffin-embedded Endometrium cancer tissue stained with anti-ERK2 antibody [SQab1744] at 1:1600. Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0).



Western blot: 10 µg of Jurkat, HeLa, 293, A431, Raw264.7, 3T3 and PC-12 cell lysates stained with anti-ERK2 antibody [SQab1744] at 1:1000 dilution.

References

- 1. -
- 2. -
- 3. -
- 4. -
- 5. -

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