

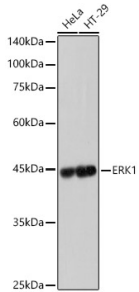
Anti-ERK1 Antibody [ARC2591] (A306776)

Specifications:

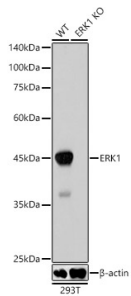
Name:	Anti-ERK1 Antibody [ARC2591]
Description:	Rabbit monoclonal [ARC2591] antibody to ERK1.
Applications:	WB, IHC, IP
Recommended Dilutions:	WB: 1:500-1:1,000, IHC: 1:50-1:200, IP: 1:500-1:1,000
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human ERK1 (P27361).
Sequence:	MAAAAAQGGGGGEPRTTEGVGPGVPGEVEMVKGQPFVDVGPRTQLQYIGEGAYGMVSS AYDHVRKTRVAIKKISPFEHQTYCQRTLREIQILLRFRHENV
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	ARC2591
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	44 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol, 0.05% BSA, and 0.02% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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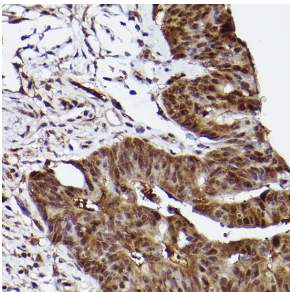
Images:



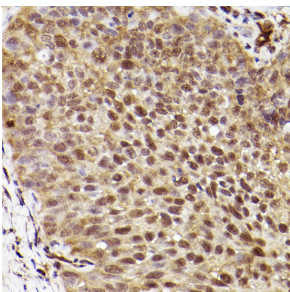
Western blot analysis of various lysates, using Anti-ERK1 Antibody [ARC2591] (A306776) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 μ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts from wild type (WT) and ERK1 knockout (KO) 293T cells, using Anti-ERK1 Antibody [ARC2591] (A306776) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 μ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Anti-ERK1 Antibody [ARC2591] (A306776) at a dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using Anti-ERK1 Antibody [ARC2591] (A306776) at a dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.