

Mouse anti-Human ERN1 Antibody | anti-ERN1 antibody

ERN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108766	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

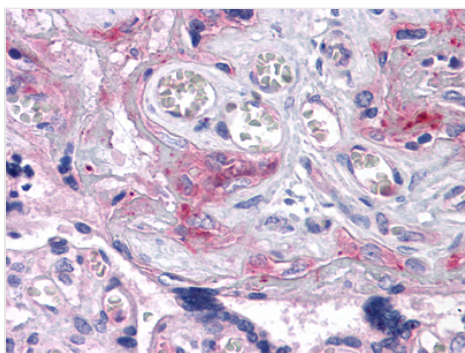
PRODUCT SYNONYMS

ERN1; ERN1 Antibody; IRE1; IRE1P; IRE1a; hIRE1p; FLJ30999; MGC163277; MGC163279; anti-ERN1 antibody

PRODUCT SPECIFICATIONS

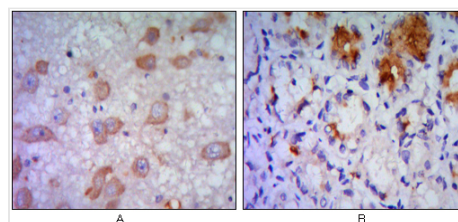
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	9F2
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	977
Applicable Applications for anti-ERN1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human ERN1(aa282-433) expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



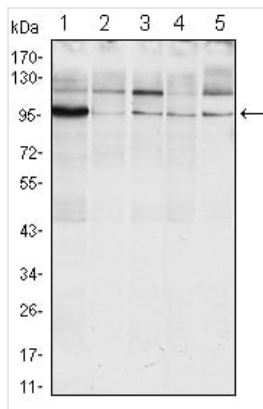
IHC (Immunohistochemistry)

Figure 3: Immunohistochemical analysis of paraffin-embedded human Placenta tissues using ERN1 mouse mAb



IHC (Immunohistochemistry)

Figure 2: Immunohistochemical analysis of paraffin-embedded human brain tissue (A) and stomach tissue (B), showing cytoplasmic localization using ERN1 mouse mAb with DAB staining.



WB (Western Blot)

Figure 1: Western blot analysis using ERN1 mouse mAb against Raji (1), A431 (2), Jurkat (3), HeLa(4) and HEK293 (5) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-ERN1 antibody	The protein encoded by this gene is the ER to nucleus signalling 1 protein, a human homologue of the yeast Ire1 gene product. This protein possesses intrinsic kinase activity and an endoribonuclease activity and it is important in altering gene expression as a response to endoplasmic reticulum-based stress signals.
Product Categories/Family for anti-ERN1 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	153946421
NCBI GeneID	2081
NCBI Accession #	NP_001424.3
NCBI GenBank Nucleotide #	NM_001433.4
UniProt Accession #	O75460 ; Q59EE2 ; A1L457 ; A8K8N8 ; A8MXS7
Molecular Weight	109kDa
NCBI Official Full Name	serine/threonine-protein kinase/endoribonuclease IRE1
NCBI Official Synonym Full Names	endoplasmic reticulum to nucleus signaling 1
NCBI Official Symbol	ERN1
NCBI Official Synonym Symbols	IRE1; IRE1P; IRE1a; hIRE1p
NCBI Protein Information	serine/threonine-protein kinase/endoribonuclease IRE1
UniProt Protein Name	Serine/threonine-protein kinase/endoribonuclease IRE1
UniProt Gene Name	ERN1
UniProt Synonym Gene Names	IRE1a

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/ern1/108766>