

Mouse anti-Human IRE1 Monoclonal Antibody | anti-IRE1 antibody

Anti-IRE1 Antibody

CATALOG # AAA263918	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

IRE1; Monoclonal Antibody; Anti-IRE1 Antibody; Serine/threonine-protein kinase/endoribonuclease IRE1; Endoplasmic reticulum-to-nucleus signaling 1; Inositol-requiring protein 1; hIRE1p; Ire1-alpha; IRE1a; anti-IRE1 antibody

PRODUCT SPECIFICATIONS

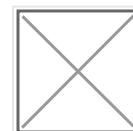
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of IRE1 protein.
Purity/Purification	Purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	977
Applicable Applications for anti-IRE1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human IRE1 expressed in E. Coli.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of IRE1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of IRE1 expression in Raji (A), Jurkat (B), HeLa(C), HEK293T (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-IRE1 antibody	Mouse monoclonal antibody to IRE1
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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	6,649 Da
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	hIRE1p1 PublicationManual assertion based on opinion iniRef.1; IRE1a1 PublicationManual assertion based on opinion iniRef.7

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/ire1-antibody-immunohistochemistry-western-blot-elisa/263918>