

Mouse anti-Human IRE1alpha Monoclonal Antibody | anti-IRE1alpha antibody

IRE1alpha Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320120	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

IRE1alpha; Monoclonal Antibody; IRE1alpha Monoclonal Antibody; Serine/threonine-protein kinase/endoribonuclease IRE1; ERN1; IRE1; Endoplasmic reticulum-to-nucleus signaling 1; Inositol-requiring protein 1; hIRE1p; Ire1-alpha; IRE1a; anti-IRE1alpha antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	IRE1alpha Monoclonal Antibody detects endogenous levels of IRE1alpha protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-IRE1alpha antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human IRE1alpha (aa282-433) expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue (A) and stomach tissue (B). showing cytoplasmic localization with DAB staining using IRE1? Monoclonal Antibody.



WB (Western Blot)

Western Blot analysis using IRE1? Monoclonal Antibody against Raji (1), A431 (2), Jurkat (3), HeLa(4) and HEK293 (5) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-IRE1alpha 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. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-IRE1alpha antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	193806335
NCBI GeneID	2081
UniProt Accession #	O75460; Q59EE2; A1L457; A8K8N8; A8MXS7
Molecular Weight	977
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; ERN1; ire1-alpha; inositol-requiring 1; ER to nucleus signalling 1; inositol-requiring enzyme 1; inositol-requiring protein 1; endoplasmic reticulum-to-nucleus signaling 1
UniProt Protein Name	Serine/threonine-protein kinase/endoribonuclease IRE1
UniProt Gene Name	ERN1
UniProt Synonym Gene Names	hIRE1p; IRE1a
UniProt Entry Name	ERN1_HUMAN

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/monoclonal/ire1alpha-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/320120>