

Mouse IRE1 Monoclonal Antibody | anti-ERN1 antibody

Anti-IRE1 Antibody, Mouse Monoclonal

CATALOG # AAA255483	HOST Mouse	APPLICATIONS Immunohistochemistry, ELISA
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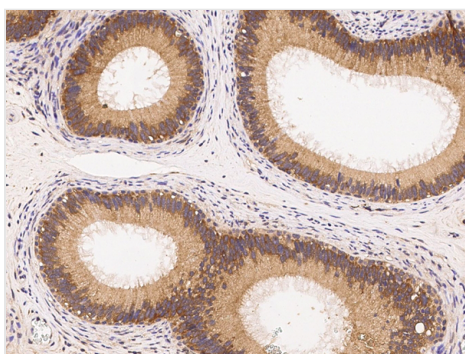
PRODUCT SYNONYMS

IRE1; Monoclonal Antibody; Anti-IRE1 Antibody; Mouse Monoclonal; ERN1/IRE1 Antibody; Mouse MAb; endoplasmic reticulum to nucleus signaling 1; Anti-hIRE1p Antibody; Anti-IRE1a Antibody; Anti-IRE1P Antibody; anti-ERN1 antibody

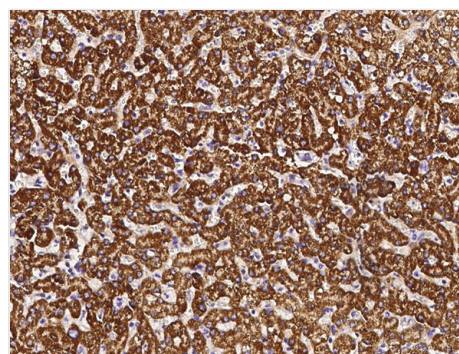
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Number	10B2B2
Specificity	Human ERN1/IRE1. No cross-reactivity in ELISA with Insect cell lysate
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ERN1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human ERN1/IRE1 protein
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human ERN1 / IRE1 (rh ERN1 / IRE1; O75460-1; Pro 465-Leu 977). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

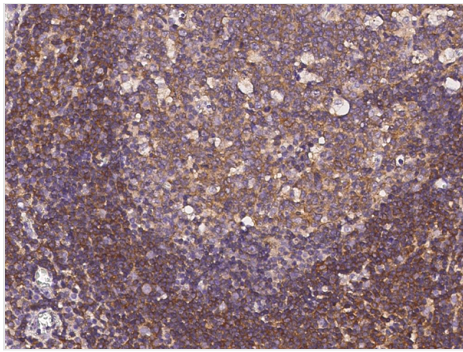
IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human ERN1 in human epididymis with mouse monoclonal antibody (1:100, formalin-fixed paraffin embedded sections).


IHC (Immunohistochemistry)

Immunochemical staining of human ERN1 in human liver with mouse monoclonal antibody (1:300, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human ERN1 in human tonsil with mouse monoclonal antibody (1:300, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

References	Trentmann, S.M. et al., 2000, Plant Mol Biol. 44 (1):11-25. Iwawaki T., et al., 2001, Nat. Cell Biol. 3:158-64. Liu C.Y., et al., 2003, J. Biol. Chem. 278:17680-7. Oppermann F.S., et al., 2009, Mol. Cell. Proteomics 8:1751-64.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	193806335
NCBI GeneID	2081
UniProt Accession #	O75460; Q59EE2; A1L457; A8K8N8; A8MXS7
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

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