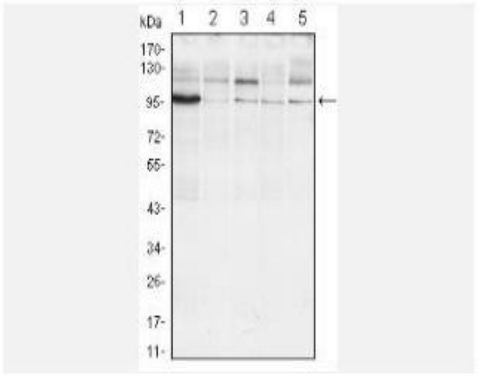
PRODUCT DATA SHEET

IRE1α Monoclonal Antibody

Catalog No.	IMB0127
Reactivity	Human
Applications	WB; IHC-p; ELISA
Gene Name	ERN1
Protein Name	Serine/threonine-protein kinase/endoribonuclease IRE1
Human Gene Id	2081
Swiss-Prot	O75460
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Dilution	WB: 1:500-1:2000 IHC: 1:200-1:1000 ELISA: 1:10000
PurIF:ication	Affinity purIF:ication
Concentration	-
Storage&Stability	-20°C/1 year
Background	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],
Subcellular Location.	Endoplasmic reticulum membrane; Single-pass type I membrane protein.
BiowMW	-

Products Images:



Western Blot analysis using IRE1α Monoclonal Antibody against Raji (1), A431 (2), Jurkat (3), HeLa(4) and HEK293 (5) cell lysate.

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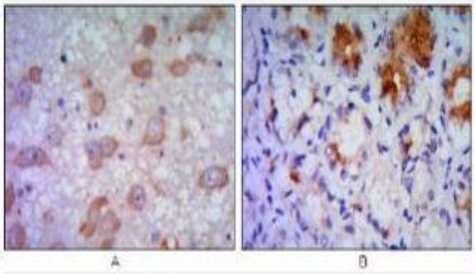

Immunohistochemistry analysis of paraffin-embedded human brain tissue (A) and stomach tissue (B), showing cytoplasmic localization with DAB staining using IRE1α Monoclonal Antibody.