



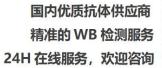
## IRE1α mouse mAb

Catalog No	BYmab-03498
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ERN1
Protein Name	Serine/threonine-protein kinase/endoribonuclease IRE1
Immunogen	Purified recombinant fragment of human IRE1 $\alpha$ (aa282-433) expressed in E. Coli.
Specificity	IRE1 $\alpha$ Antibody detects endogenous levels of IRE1 $\alpha$ protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity Purity	1 mg/ml ≥90%
Purity	≥90%
Purity Storage Stability	≥90%  -20°C/1 year  ERN1; IRE1; Serine/threonine-protein kinase/endoribonuclease IRE1; Endoplasmic reticulum-to-nucleus signaling 1; Inositol-requiring protein 1;
Purity Storage Stability Synonyms	≥90%  -20°C/1 year  ERN1; IRE1; Serine/threonine-protein kinase/endoribonuclease IRE1; Endoplasmic reticulum-to-nucleus signaling 1; Inositol-requiring protein 1; hIRE1p; Ire1-alpha; IRE1a
Purity Storage Stability Synonyms Observed Band	≥90%  -20°C/1 year  ERN1; IRE1; Serine/threonine-protein kinase/endoribonuclease IRE1; Endoplasmic reticulum-to-nucleus signaling 1; Inositol-requiring protein 1; hIRE1p; Ire1-alpha; IRE1a  105KD

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	superfamily. Ser/Thr protein kinase family.,similarity:Contains 1 KEN domain.,similarity:Contains 1 protein kinase domain.,subunit:Homodimer; disulfide-linked. Dimer formation is driven by hydrophobic interactions within the N-terminal luminal domains
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**

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