

RecomAb™

ERN1 (phospho Ser724) recombinant monoclonal antibody, clone R05-6E7

Catalog # RAB01785 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ERN1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding Ser724 of human ERN1.
Theoretical MW (kDa)	Calculated MW: 110 k
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1/20) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

- Immunoprecipitation

Gene Info — ERN1

Entrez GeneID	2081
Protein Accession#	O75460
Gene Name	ERN1
Gene Alias	FLJ30999, IRE1, IRE1P, MGC163277, MGC163279
Gene Description	endoplasmic reticulum to nucleus signaling 1
Omim ID	604033
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	ER to nucleus signalling 1 endoplasmic reticulum to nucleus signalling 1 inositol-requiring 1 protein kinase/endoribonuclease

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