

Mouse Monoclonal Antibody to ERN1

Catalogue Number	sAP-0379
Target Molecule	Name: ERN1 Aliases: IRE1; IRE1P; IRE1a; hIRE1p; FLJ30999; MGC163277; MGC163279; ERN1 MW: 109kDa Entrez Gene ID: 2081
Description	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.
Immunogen	Purified recombinant fragment of human ERN1(aa282-433) expressed in E. Coli. ;
Recombinant Species	Human
Clone	MM9F2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Biochem Biophys Res Commun. 2004 Apr 30;317(2):390-6. ; 2. Mol Cell Biol. 2005 Sep;25(17):7522-33. ; 3. Science. 2007 Nov 9;318(5852):944-9.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**