

Product Datasheet

IRE1 alpha Antibody (8D12) - Azide and BSA Free H00002081-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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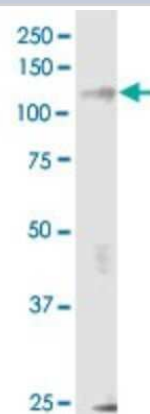
H00002081-M02

IRE1 alpha Antibody (8D12) - Azide and BSA Free

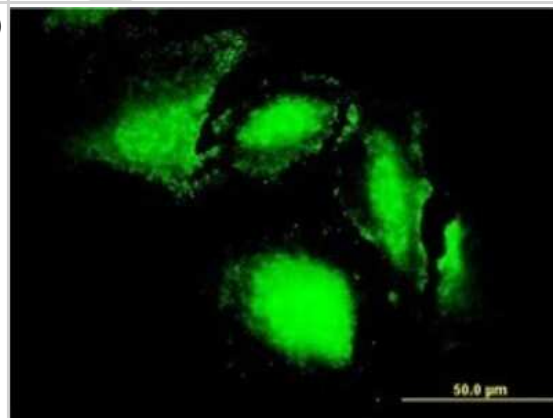
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8D12
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Target Molecular Weight	110 kDa
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2081
Gene Symbol	ERN1
Species	Human
Immunogen	This IRE1 alpha antibody (8D12) was raised against ERN1 (AAC25991, 401 a.a. ~ 500 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. EEVINLVDQTSNAPTTVSRDVEEKPAHAPARPEAPVDSMLKDMATIILSTFLLI GWVAFIITYPLSMHQQQQLQHQQFQKELEKIQLLQQQQQLPFHP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Proximity Ligation Assay
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Proximity Ligation Assay
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.

Images

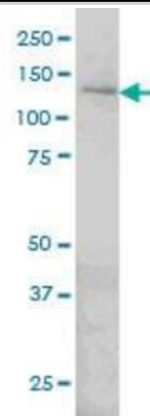
Western Blot: IRE1 alpha Antibody (8D12) [H00002081-M02] - IRE1 Antibody (8D12) [H00002081-M02] - ERN1 monoclonal antibody (M02), clone 8D12. Analysis of ERN1 expression in LNCaP. Theoretical molecular weight: 110 kDa.



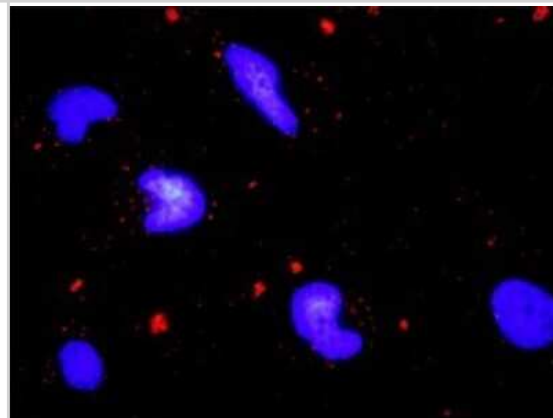
Immunocytochemistry/Immunofluorescence: IRE1 alpha Antibody (8D12) [H00002081-M02] - Analysis of monoclonal antibody to ERN1 on HeLa cell. Antibody concentration 25 ug/ml.



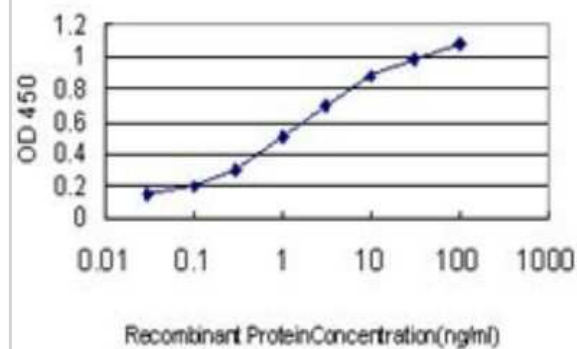
Western Blot: IRE1 alpha Antibody (8D12) [H00002081-M02] - Analysis of ERN1 expression in HeLa. Theoretical molecular weight: 110 kDa. Observed molecular weight may vary.



Proximity Ligation Assay: IRE1 alpha Antibody (8D12) [H00002081-M02] - Analysis of protein-protein interactions between TRAF2 and ERN1. HeLa cells were stained with anti-TRAF2 rabbit purified polyclonal 1:1200 and anti-ERN1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



ELISA: IRE1 alpha Antibody (8D12) [H00002081-M02] - IRE1 Antibody (8D12) [H00002081-M02] - Detection limit for recombinant GST tagged ERN1 is approximately 0.03ng/ml as a capture antibody.





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Products Related to H00002081-M02

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NB100-2323PEP	IRE1 alpha [p Ser724] Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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