

# Product Datasheet

## IRE1 alpha [p Ser724] Antibody [Alexa Fluor® 488] NB100-2323AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-2323AF488**

IRE1 alpha [p Ser724] Antibody [Alexa Fluor® 488]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 488
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	2081
Gene Symbol	ERN1
Species	Human, Mouse, Rat, Porcine, Drosophila, Goat, Mammal, Primate, Monkey, Rabbit, Golden Syrian Hamster
Reactivity Notes	Use in Porcine reported in scientific literature (PMID:35492579).Drosophila reactivity reported in scientific literature (PMID: 31641108). Goat reactivity reported in scientific literature (PMID: 29046053). Use in Golden Syrian Hamster reported in scientific literature (PMID:31167774).
Specificity/Sensitivity	NB100-2323 IRE1 alpha [p Ser724] Antibody detects IRE-1 alpha when phosphorylated at Ser724 residue.
Immunogen	This IRE1 alpha [p Ser724] antibody was raised against a synthetic peptide surrounding the phosphorylated serine 724 of the human IRE1 alpha protein. [Swiss-Prot #O75460]
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, ELISA, Immunoblotting, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, In vitro assay, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Knockdown Validated



<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, In vitro assay, Chromatin Immunoprecipitation (ChIP), Knockdown Validated
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### Products Related to NB100-2323AF488

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NBP2-24982	Rabbit IgG Isotype Control [Alexa Fluor® 488]
NB100-2323AF647	IRE1 alpha [p Ser724] Antibody [Alexa Fluor® 647]
NB100-2323PEP	IRE1 alpha [p Ser724] Antibody Blocking Peptide
NBP2-50067	IRE1 alpha Antibody Pack

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### 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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