

# Product Datasheet

## IRE1 alpha [p Ser724] Antibody [Janelia Fluor® 646] NB100-2323JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-2323JF646**

IRE1 alpha [p Ser724] Antibody [Janelia Fluor® 646]

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Janelia Fluor 646
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	50mM Sodium Borate
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	2081
<b>Gene Symbol</b>	ERN1
<b>Species</b>	Human, Mouse, Rat, Porcine, Drosophila, Goat, Mammal, Monkey, Primate, Rabbit, Golden Syrian Hamster
<b>Reactivity Notes</b>	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).
<b>Specificity/Sensitivity</b>	NB100-2323 IRE1 alpha [p Ser724] Antibody detects IRE-1 alpha when phosphorylated at Ser724 residue.
<b>Immunogen</b>	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]
<b>Notes</b>	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
<b>Applications</b>	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 NB100-2323JF646**

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NBP2-24891JF646	Rabbit IgG Isotype Control [Janelia Fluor 646]
NB100-2324PEP	IRE1 alpha Antibody Blocking Peptide
NBP2-50067	IRE1 alpha Antibody Pack
AF835	Caspase-3 Antibody [Unconjugated] - Active

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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