

# Product Datasheet

## BRCA1 Antibody (6B4) [Janelia Fluor® 646] NB100-404JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-404JF646**

BRCA1 Antibody (6B4) [Janelia Fluor® 646]

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	6B4
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Janelia Fluor 646
Purity	Protein G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	672
Gene Symbol	BRCA1
Species	Human
Reactivity Notes	Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
Specificity/Sensitivity	This recognizes BRCA1, a 220-kDa nuclear phosphoprotein, and does not recognize the exon 11 splice variant. Mutations in this tumor suppressor gene greatly increase the risk of breast cancer.
Immunogen	BRCA1 protein fragment expressed in E. coli corresponding to amino acids 341-748.
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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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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