

# Product Datasheet

## 53BP1 Antibody [Janelia Fluor® 646] NB100-904JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-904JF646**

53BP1 Antibody [Janelia Fluor® 646]

<b>Product Information</b>	
<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
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	7158
<b>Gene Symbol</b>	TP53BP1
<b>Species</b>	Human, Mouse, Other
<b>Reactivity Notes</b>	Human has been tested in WB, IHC and ICC/IF, mouse has only been tested in ICC/IF. Other reactivity reported in scientific literature (PMID: 31105868). Predicted cross-reactivity based on sequence identity: Chimpanzee (99%), Orangutan (99%), Gibbon (98%), Gorilla (98%), Marmoset (95%)
<b>Marker</b>	DNA Double Strand Break Marker
<b>Immunogen</b>	53BP1 Antibody was made to a synthetic peptide corresponding to a portion of human 53BP1 encoded in exon 11, 12 and 19 [Uniprot: Q12888]. This antibody is a cocktail hybrid of NB100-304 and NB100-305.
<b>Notes</b>	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, In-situ Hybridization, Proximity Ligation Assay, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Proximity Ligation Assay, In-situ Hybridization, Knockdown Validated
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NB100-904JF646**

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NBP2-24891JF646	Rabbit IgG Isotype Control [Janelia Fluor 646]
H00007158-Q01-10ug	Recombinant Human 53BP1 GST (N-Term) Protein
NB100-926-1Pack	53BP1 Antibody Pack
NB100-143	Nbs1 Antibody

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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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