

# Product Datasheet

## 53BP1 Antibody [Alexa Fluor™ Plus 555] NB100-904AFP555

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 4/12/2026 v.20.1

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**NB100-904AFP555**

53BP1 Antibody [Alexa Fluor™ Plus 555]

<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>	Alexa Fluor Plus 555
<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>	This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not 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, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.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.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, 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

**Application Notes**

Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-904AFP555**

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H00007158-Q01-10ug	Recombinant Human 53BP1 GST (N-Term) Protein
NB100-926-1Pack	53BP1 Antibody Pack
NB100-143	Nbs1 Antibody - BSA Free
NB110-57130	TRF-2 Antibody - BSA Free

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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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