

# Product Datasheet

## 53BP1 Antibody [DyLight 680] NB100-904FR

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-904FR**

53BP1 Antibody [DyLight 680]

| 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>             | DyLight 680   |
| <b>Purity</b>                | Immunogen affinity purified   |
| <b>Buffer</b>                | 50mM Sodium Borate  |
| Product Description          |   |
| <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>                 | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   |
| Product Application Details  |   |
| <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 NB100-904FR**

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|                    |  |
|--------------------|--|
| NBP2-24891FR       | Rabbit IgG Isotype Control [DyLight 680]     |
| 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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