

# Product Datasheet

## 53BP1 Antibody [PE/Cy5.5] NB100-304PECY55

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NB100-304PECY55**

53BP1 Antibody [PE/Cy5.5]

| <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. Do not freeze.   |
| <b>Clonality</b>                   | Polyclonal  |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG   |
| <b>Conjugate</b>                   | PE/Cy5.5  |
| <b>Purity</b>                      | Immunogen affinity purified   |
| <b>Buffer</b>                      | PBS   |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Rabbit  |
| <b>Gene ID</b>                     | 7158  |
| <b>Gene Symbol</b>                 | TP53BP1   |
| <b>Species</b>                     | Human, Mouse, Rat, Bat, Bovine, Canine, Fish, Goat, Primate   |
| <b>Reactivity Notes</b>            | Human reactivity reported in scientific literature (PMID:32877678). Human and mouse reactivity cited in numerous publications. Primate reactivity reported in scientific literature (PMID: 18389475). Fish reactivity reported in scientific literature (PMID: 25516420). Bat, canine, and bovine reactivity reported in scientific literature (PMID: 27573809). Predicted cross-reactivity based on sequence identity: Chimpanzee (96%), Gorilla (96%), Orangutan (96%), Gibbon (94%), Marmoset (92%), Feline (90%), Porcine (90%), Rabbit (90%), Sheep (90%). |
| <b>Marker</b>                      | DNA Double Strand Break Marker  |
| <b>Immunogen</b>                   | Partial synthetic peptide made to an internal portion of human 53BP1 (between amino acids 350-400) [NP_005648.1].   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation, Flow Cytometry, Flow (Intracellular), Immunoblotting, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, In-situ Hybridization, Chromatin Immunoprecipitation (ChIP), Knockdown Validated, Knockout Validated  |
| <b>Recommended Dilutions</b>       | Western Blot, Chromatin Immunoprecipitation, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, In-situ Hybridization, Flow (Intracellular), Chromatin Immunoprecipitation (ChIP), Knockout Validated, Knockdown Validated   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |





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### **Products Related to NB100-304PECY55**

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|                    |  |
|--------------------|--|
| NBP2-24891PECY55   | Rabbit IgG Isotype Control [PE/Cy5.5]        |
| H00007158-Q01-10ug | Recombinant Human 53BP1 GST (N-Term) Protein |
| NB100-926-1Pack    | 53BP1 Antibody Pack                          |
| NB100-143          | Nbs1 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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