

Product Datasheet

53BP1 Antibody [mFluor Violet 450 SE] NB100-305MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 9/20/2023 v.20.1

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NB100-305MFV450

53BP1 Antibody [mFluor Violet 450 SE]

| Product Information | |
|------------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Polyclonal |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Conjugate | mFluor Violet 450 SE |
| Purity | Immunogen affinity purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Rabbit |
| Gene ID | 7158 |
| Gene Symbol | TP53BP1 |
| Species | Human, Mouse, Rat, Bat, Bovine, Canine, Naked mole-rat |
| Reactivity Notes | Use in Naked mole-rat reported in scientific literature (PMID: 33608273). Human has been tested in both WB and ICC/IF, mouse has only been tested in ICC/IF. Feedback on bovine has been negative. Rat reactivity reported in scientific literature (PMID: 24244353). Bat, canine, and bovine reactivity reported in scientific literature (PMID: 27573809). Predicted cross-reactivity based on sequence identity: Chimpazee (100%), Equine (100%), Feline (100%), Gibbon (100%), Gorilla (100%), Hamster (100%), Marmoset (100%), Orangutan (100%), Panda (100%), Porcine (100%), Rabbit (100%), Sheep (100%). |
| Marker | DNA Double Strand Break Marker |
| Immunogen | The epitope recognized by 53BP1 Antibody maps to a region between residues 1925 and the C-terminus (residue 1972) of human 53BP1 (NP_005648.1). |
| Notes | mFluor(TM) is a trademark of AAT Bioquest, Inc. 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. |
| Product Application Details | |
| Applications | Western Blot, Chromatin Immunoprecipitation, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP), Knockdown Validated |
| Recommended Dilutions | Western Blot, Chromatin Immunoprecipitation, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Chromatin Immunoprecipitation (ChIP), Knockdown Validated |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |

Images

53BP1 Antibody [mFluor Violet 450 SE] [NB100-305MFV450] - Vial of mFluor Violet 450 conjugated antibody. mFluor Violet 450 is optimally excited at 406 nm by the Violet laser (405 nm) and has an emission maximum of 445 nm.



mFluor™ Violet 450

| LASER (nm) | FILTER |
|--------------|--------|
| Violet (405) | 450/45 |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 406 | 445 |



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Products Related to NB100-305MFV450

| | |
|--------------------|--|
| H00007158-Q01-10ug | Recombinant Human 53BP1 GST (N-Term) Protein |
| NB100-926-1Pack | 53BP1 Antibody Pack |
| NB100-143 | Nbs1 Antibody |
| NB100-104 | ATM Antibody |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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