

Product Datasheet

p53 Antibody (PAb 240) [CoraFluor™ 1] NB200-103CL1

Unit Size: 0.1 ml

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

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NB200-103CL1

p53 Antibody (PAb 240) [CoraFluor™ 1]

| 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. Do not freeze. |
| Clonality | Monoclonal |
| Clone | PAb 240 |
| Preservative | No Preservative |
| Isotype | IgG1 Kappa |
| Conjugate | CoraFluor 1 |
| Purity | Protein G purified |
| Buffer | PBS |

| Product Description | |
|-------------------------|--|
| Description | <p>CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.</p> <p>CoraFluor(TM) 1, amine reactive</p> <p>CoraFluor(TM) 1, thiol reactive</p> <p>For more information, please see our CoraFluor(TM) TR-FRET technology flyer.</p> |
| Host | Mouse |
| Gene ID | 7157 |
| Gene Symbol | TP53 |
| Species | Human, Mouse, Rat, Yeast, Xenopus (Negative) |
| Reactivity Notes | Yeast reactivity reported in scientific literature (PMID: 8710879) |
| Specificity/Sensitivity | This monoclonal recognizes both mutant forms and wild-type human p53 under denaturing conditions. It does not recognize nondenatured wild type p53. In nondenaturing conditions (IP) it only recognizes mutant p53. |
| Immunogen | Gel-purified p53-beta-galactosidase fusion protein containing murine p53 from aa 14-389 (derived from pSV53C cDNA clone). |
| Notes | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254 |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready |



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|------------------------------|--|
| Recommended Dilutions | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Intracellular), CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NB200-103CL1

| | |
|---------------|--|
| NBP2-34495PEP | p53 Recombinant Protein Antigen |
| 1129-ER-050 | ErbB2/Her2 [Unconjugated] |
| DYC1043-2 | p53 [Biotin] |
| AF835 | Caspase-3 Antibody [Unconjugated] - Active |

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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