

# Neurofibromin 1 Recombinant Monoclonal Antibody [BLR345M]

Rabbit Recombinant Monoclonal

|             |          |            |                |
|-------------|----------|------------|----------------|
| Purified    |          | RefSeq ID  | NP_001035957.1 |
| Catalog No. | A700-345 | Uniprot ID | P21359         |
| Lot No.     | 1        | GeneID     | 4763           |

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|------------------------------|--|
| <b>APPLICATIONS</b>          | WB, IP, Flow Cyt   |
| <b>SPECIES REACTIVITY</b>    | Human, Mouse   |
| <b>AMOUNT</b>                | 100 µl (50+ tests)   |
| <b>CONCENTRATION</b>         | 100 µg/ml  |
| <b>STORAGE/SHELF LIFE</b>    | 2 – 8°C / 1 year from date of receipt                                |
| <b>PHYSICAL STATE</b>        | Liquid   |
| <b>BUFFER</b>                | Phosphate Buffered Saline (PBS) with 0.1% BSA and 0.09% Sodium Azide |
| <b>ISOTYPE</b>               | IgG  |
| <b>CLONE #</b>               | BLR345M  |
| <b>ORIGIN</b>                | USA  |
| <b>PRODUCTION PROCEDURES</b> | Recombinant antibody was purified from cell culture supernatant.     |

Immunogen was a peptide representing a region between residue 2789 and the C-terminus (residue 2839) of human Neurofibromin 1 using the numbering given in entry NP\_001035957.1 (Gene ID 4763).

|                     |   |
|---------------------|---|
| <b>APPLICATIONS</b> | Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. |
|                     | Western Blot                      1:1000  |
|                     | Immunoprecipitation          20 µl/mg lysate  |
|                     | Flow Cytometry                Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl per 1 x 10 <sup>6</sup> cells.   |

**APPLICATION NOTES** All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight.

Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (A120-101P).

Western blots of immunoprecipitates are performed using Goat anti-Rabbit Light Chain HRP Conjugate (A120-113P) with 5% Normal Pig Serum (S100-020) added to the blocking buffer.

**ADDITIONAL INFO** <https://www.fortislife.com/p/A700-345>

Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: December 5, 2024