BRD3 Recombinant Monoclonal Antibody [BLR069G]

| Rabbit Recom | binant M | | | | | |
|--------------------------|----------|--|------------|--|--|-------------------|
| Purified | | | Protein ID | NP_031397.1 | | |
| Catalog No. | A700-0 | | GenelD | 8019 | | BETHYL |
| Lot No. | A700-0 | 069-1 | | | | LABORATORIES, INC |
| APPLICATIONS | | WB, IP, IHC, ICC, IHC-IF | | | | |
| SPECIES REACTIVITY | | Human | | | | |
| AMOUNT | | 100 µl (50+ tests) | | | | |
| CONCENTRATION | | 100 µg/ml | | | | |
| STORAGE/SHELF LIFE | | 2 - 8° C / 1 year from date of receipt | | | | |
| PHYSICAL STATE | | Liquid | | | | |
| BUFFER | | Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide | | | | |
| ISOTYPE | | IgG | | | | |
| CLONE # | | BLR069G | | | | |
| ORIGIN | | USA | | | | |
| PRODUCTION PROCEDURES | | Recombinant antibody was purified from cell culture supernatant. | | | | |
| | | Immunogen was a peptide representing a region between residue 676 and 726 of human Bromodomain-containing protein 3 using the numbering given in entry NP_031397.1 (Gene ID 8019). | | | | |
| APPLICATIONS | | 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 | 1:1 | 000 | | |
| | | Immunoprecipita | ation 20 | 20 µl/1 mg lysate | | |
| | | Immunohistoche | , | 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. | | |
| | | Immunocytoche | | 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections. | | |
| | | Immunofluoresc (IHC) | | 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. | | |
| IHC HUMAN CONTROLS | | Breast Carcinoma, Colon Carcinoma, Lung Carcinoma, Ovarian Carcinoma, A–172 Cells, A–2058 Cells, A–549 Cells, HEK293T Cells, HeLa Cells, HH Cells, OVCAR–3 Cells | | | | |
| ADDITIONAL INFO | | https://www.bethyl.com/product/A700-069 Use the link above to view SDS, a current list of citations, and other product specific information. | | | | |

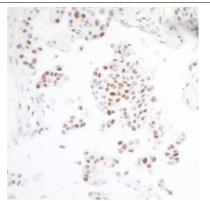
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: September 9, 2019

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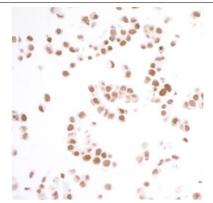
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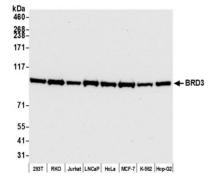
A700-069

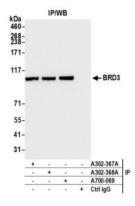


Detection of human BRD3 by immunohistochemistry. *Sample:* FFPE section of lung carcinoma. *Antibody:* Rabbit anti-BRD3 recombinant monoclonal antibody [BLR069G] (A700-069 lot 1) used at 1:250. *Secondary:* HRP- conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human BRD3 by immunocytochemistry. *Sample:* FFPE section of OVCAR-3 cells. *Antibody:* Rabbit anti-BRD3 recombinant monoclonal antibody [BLR069G] (A700-069 lot 1) used at 1:250. *Secondary:* HRP- conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



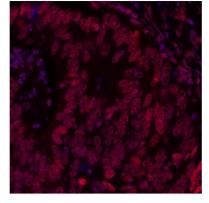


Detection of human BRD3 by western blot. Samples: Whole cell lysate (50 µg) from HEK293T, RKO, Jurkat, LNCaP, HeLa, MCF-7, K-562, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-BRD3 recombinant monoclonal antibody [BLR069G] (A700-069 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Detection of human BRD3 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-BRD3 recombinant monoclonal antibody [BLR069G] (A700-069 lot 1) used for IP at 20 µl/mg lysate. BRD3 was also immunoprecipitated by rabbit anti-BRD3 antibodies (A302-367A, A302-368A). For blotting immunoprecipitated BRD3, A700-069 was used at 1:1000. Chemiluminescence with an exposure time of 1 second.

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Detection of human BRD3 by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Rabbit anti-BRD3 recombinant monoclonal antibody [BLR069G] (A700-069 lot 1) used at 1:200. Secondary: DyLight® 594-conjugated goat anti-rabbit IgG (A120-101D4). Counterstain: DAPI (blue).

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