## BRD3 Recombinant Monoclonal Antibody [BLR069G]

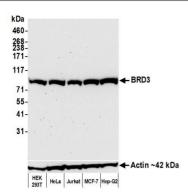


Rabbit Recombinant Monoclonal						
Purified			RefSeq ID	D	NP_031397.1	
Catalog No.	llog No. A700-069-T		Uniprot I	ID	Q15059	
Lot No.	t No. A700-069-T-2		GenelD		8019	
APPLICATIONS		WB, IP, IHC, ICC, IHC–IF				
SPECIES REACTIVITY		Human				
AMOUNT		10 µl (5+ tests)				
CONCENTRATION		100 µg/ml				
STORAGE/SHELF 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		Recombinant antibody was purified from cell culture supernatant.				
PROCEDURES		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	1:10	000	
		Immunoprecipi	tation 2	20 µ	II/1 mg lysate	
		Immunohistoch			100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is commended for FFPE tissue sections.	
		Immunocytoche			00 to 1:500. Epitope retrieval with citra mmended for FFPE cell sections.	ate buffer pH6.0 is
		Immunofluores (IHC)			00 to 1:500. Epitope retrieval with citra mmended for FFPE tissue sections.	ate buffer pH6.0 is
			cinoma, Colon Carcinoma, Lung Carcinoma, Ovarian Carcinoma, A–172 Cells, A–2058 49 Cells, HEK293T Cells, HeLa Cells, HH Cells, OVCAR-3 Cells			
ADDITIONAL INFO		https://www.fortislife.com/p/A700-069-T Use the link above to view SDS, a current list of citations, and other product specific information.				

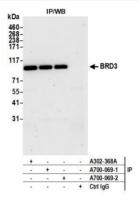
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: November 15, 2022

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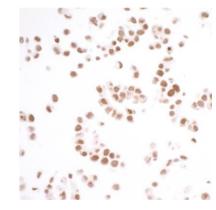
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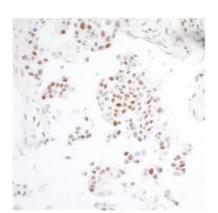
Detection of human BRD3 by western blot. *Samples:* Whole cell lysate (50 µg) from HEK293T, HeLa, Jurkat, MCF-7, and Hep-G2 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-BRD3 recombinant monoclonal antibody [BLR069G] (A700-069 lot 2) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



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 2) used for IP at 20 µl/mg lysate. BRD3 was also immunoprecipitated by a previous lot of this antibody (A700-069 lot 1) and a second antibody against a different epitope of BRD3 (A302-368A). For blotting immunoprecipitated BRD3, A700-069 was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.

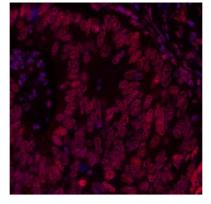


**Detection of human BRD3 by immunocytochemistry.** *Sample:* FFPE section of OVCAR-3 cells. *Antibody:* Rabbit anti-BRD3 recombinant monoclonal antibody [BLR069G] (A700-069-T lot 1) used at 1:250. *Secondary:* HRP- conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



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

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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-T lot 1) used at 1:200. *Secondary:* DyLight® 594-conjugated goat anti-rabbit IgG (A120-101D4). *Counterstain:* DAPI (blue).