## BRD7 Recombinant Monoclonal Antibody [BLR221K]

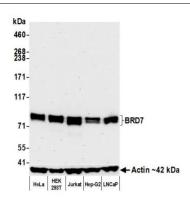


Rabbit Recombinant Monoclonal					
Purified		F	RefSeq ID	NP_037395.2	
Catalog No.	A700-221		Uniprot ID	Q9NPI1	
Lot No.	A700-	221–1 (	GenelD	29117	
APPLICATIONS		WB, IP, IHC, ICC, Flow Cyt			
SPECIES REACTIVITY		Human			
AMOUNT		100 µl (50+ tests)			
CONCENTRATION		500 μg/ml			
STORAGE/SHELF LIFE		2 - 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 #		BLR221K			
ORIGIN		USA			
PRODUCTION		Recombinant antibody was purified from cell culture supernatant.			
PROCEDURES		Immunogen was a peptide representing a region between residue 601 and the C-terminus (residue 651) of human Bromodomain-containing protein 7 using the numbering given in entry NP_037395.2.			
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	tion 12	µl/1 mg lysate	
		Immunohistochei	,	00 to 1:500. Epitope retrieval with citrate buffer pH 6.0 or Tris- FA pH 9.0 is recommended for FFPE tissue sections.	
		Immunocytochen	,	00 to 1:500. Epitope retrieval with citrate buffer pH 6.0 or Tris- FA pH 9.0 is recommended for FFPE cell sections.	
		Flow Cytometry		ed in 4% formaldehyde and permeabilized with 90% methanol. 1 μl 1 x 10^6 cells.	
C		Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Skin Basal Cell Carcinoma, Testis, Tonsil, Jurkat Cells, MOLT-4 Cells, OVCAR-4 Cells, RKO Cells, RPMI-8226 Cells			
ADDITIONAL INFO		https://www.fortislife.com/p/A700-221 Use the link above to view SDS, a current list of citations, and other product specific information.			

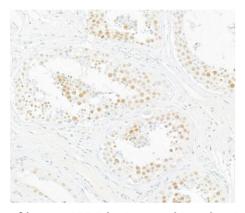
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: September 29, 2022

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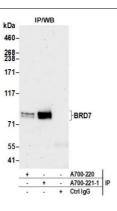
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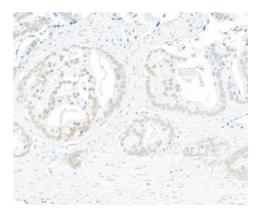
**Detection of human BRD7 by western blot.** *Samples:* Whole cell lysate (25 µg) from HeLa, HEK293T, Jurkat, Hep-G2, and LNCaP cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-BRD7 recombinant monoclonal antibody [BLR221K] (A700-221 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



**Detection of human BRD7 by immunohistochemistry.** *Sample:* FFPE section of human testis. *Antibody:* Rabbit anti-BRD7 recombinant monoclonal antibody [BLR221K] (A700-221-1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



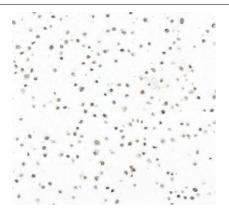
Detection of human BRD7 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-BRD7 recombinant monoclonal antibody [BLR221K] (A700-221 lot 1) used for IP at 12 µl/mg lysate. BRD7 was also immunoprecipitated by a second antibody against a different epitope of BRD7 (A700-220). For blotting immunoprecipitated BRD7, A700-221 was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.



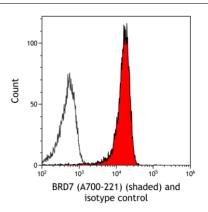
**Detection of human BRD7 by immunohistochemistry.** *Sample:* FFPE section of prostate carcinoma. *Antibody:* Rabbit anti-BRD7 recombinant monoclonal antibody [BLR221K] (A700-221-1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).

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**Detection of human BRD7 by immunocytochemistry.** *Sample:* FFPE section of RKO cells. *Antibody:* Rabbit anti-BRD7 recombinant monoclonal antibody [BLR221K] (A700-221-1). *Secondary:* HRP-conjugated goat antirabbit IgG (A120-501P).



Detection of human BRD7 (shaded) in HeLa cells by flow cytometry. *Antibody:* Rabbit anti-BRD7 recombinant monoclonal antibody [BLR221K] (A700-221) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).