

BRD9 Recombinant Monoclonal Antibody [BLR153J]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_076413.3
Catalog No.	A700-153	Uniprot ID	Q9H8M2
Lot No.	2	GeneID	65980

APPLICATIONS	WB, IP, IHC, ICC, Flow Cyt, SW-Size
SPECIES REACTIVITY	Human, Mouse
AMOUNT	100 µl (50+ tests)
CONCENTRATION	1000 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 0.09% Sodium Azide, BSA-Free
ISOTYPE	IgG
CLONE #	BLR153J
ORIGIN	USA

PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 547 and the C-terminus (residue 597) of human Bromodomain-containing protein 9 using the numbering given in entry NP_076413.3 (Gene ID 65980).

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	1:1000
Immunoprecipitation	6 µl/1 mg lysate
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
Flow Cytometry	Fixed in 4% formaldehyde and permeabilized with 90% methanol. 0.5 µl per 1 x 10 ⁶ cells.
Simple Western™-Size	1:10 - 1:250

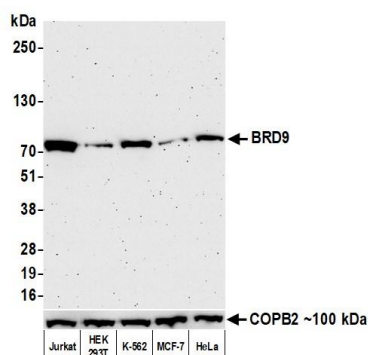
IHC HUMAN CONTROLS Breast Carcinoma, Burkitt Lymphoma, Colon Carcinoma, Lung Carcinoma, Ovarian Carcinoma, HDLM-2 Cells, HEK293T Cells, OVCAR-8 Cells, PANC-1 Cells, SiHa Cells, THP-1 Cells

IHC MOUSE CONTROLS Plasmacytoma

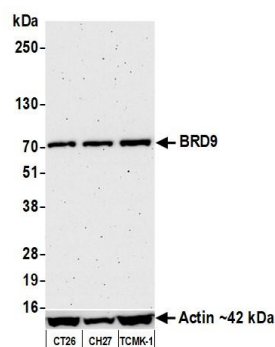
ADDITIONAL INFO <https://www.fortislifesciences.com/p/A700-153>

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

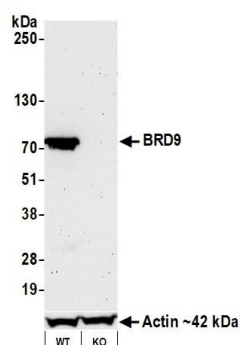
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: April 12, 2023



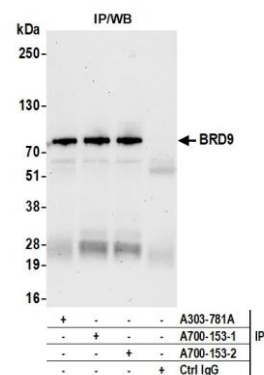
Detection of human BRD9 by western blot. *Samples:* Whole cell lysate (30 μ g) from Jurkat, HEK293T, K-562, MCF-7, and HeLa cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-BRD9 recombinant monoclonal antibody [BLR153J] (A700-153 lot 2) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



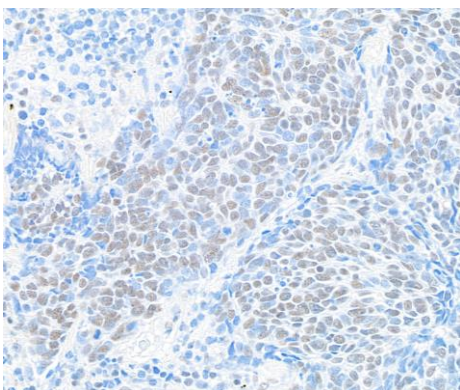
Detection of mouse BRD9 by western blot. *Samples:* Whole cell lysate (30 μ g) from CT26, CH27, and TCMK-1 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-BRD9 recombinant monoclonal antibody [BLR153J] (A700-153 lot 2) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



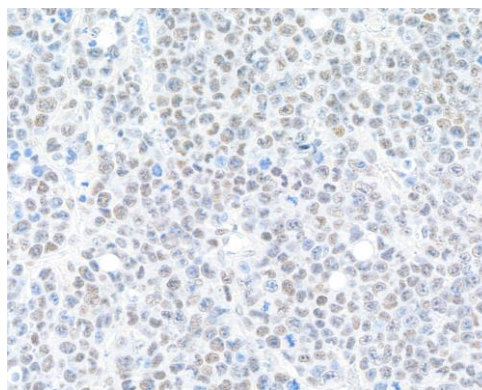
Detection of human BRD9 by western blot. *Samples:* Whole cell lysate (50 μ g) prepared using NETN buffer from Jurkat cells (WT and KO). *Antibody:* Rabbit anti-BRD9 recombinant monoclonal antibody [BLR153J] (A700-153 lot 2) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



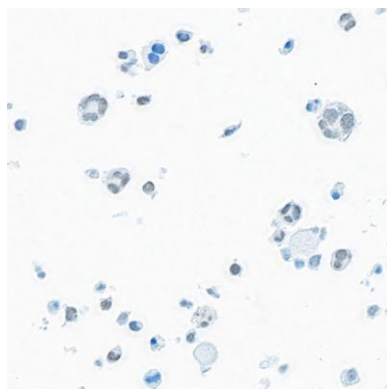
Detection of human BRD9 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-BRD9 recombinant monoclonal antibody [BLR153J] (A700-153 lot 2) used for IP at 20 μ l/mg lysate. BRD9 was also immunoprecipitated by a previous lot of this antibody (A700-153 lot 1) and a second antibody against a different epitope of BRD9 (A303-781A). For blotting immunoprecipitated BRD9, A700-153 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



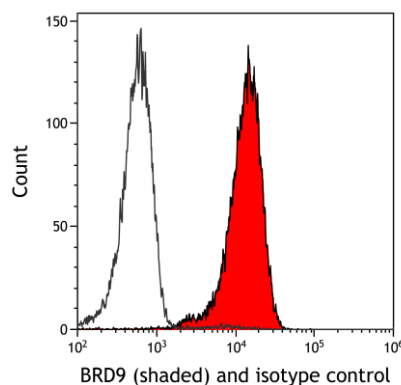
Detection of human BRD9 by immunohistochemistry.
Sample: FFPE section of lung carcinoma. *Antibody:* Rabbit anti-BRD9 recombinant monoclonal antibody [BLR153J] (A700-153 lot 2). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



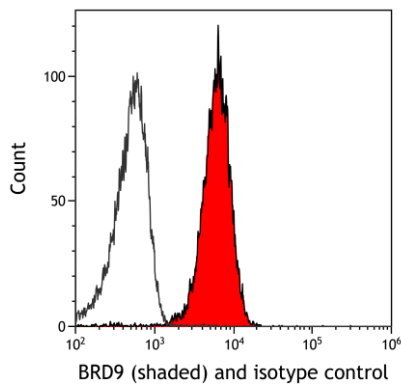
Detection of mouse BRD9 by immunohistochemistry.
Sample: FFPE section of mouse plasmacytoma. *Antibody:* Rabbit anti-BRD9 recombinant monoclonal antibody [BLR153J] (A700-153 lot 2). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



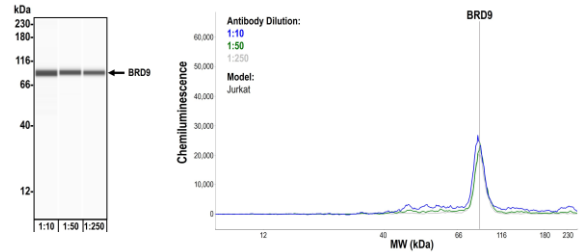
Detection of human BRD9 by immunocytochemistry.
Sample: FFPE section of HDLM-2 cells. *Antibody:* Rabbit anti-BRD9 recombinant monoclonal antibody [BLR153J] ((A700-153 lot 2). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



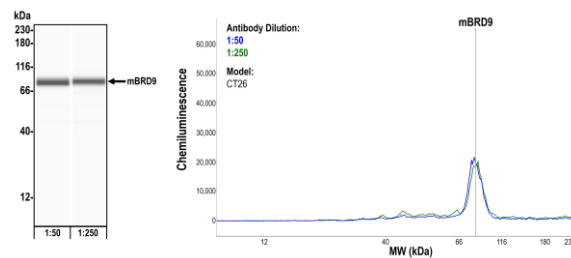
Detection of human BRD9 (shaded) in HDLM-2 cells by flow cytometry. *Antibody:* Rabbit anti-BRD9 recombinant monoclonal antibody [BLR153J] (A700-153) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).



Detection of mouse BRD9 (shaded) in NIH3T3 cells by flow cytometry. *Antibody:* Rabbit anti-BRD9 recombinant monoclonal antibody [BLR153J] (A700-153) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).



Detection of human BRD9 by Simple Western™. *Samples:* Whole cell lysate (0.4 mg/mL) from Jurkat cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-BRD9 recombinant monoclonal antibody [BLR153J] (A700-153) used at 1:10, 1:50, 1:250. *Separation and Detection:* SallySue ProteinSimple instrument with the 12–230 kDa separation module and anti-Rabbit detection module. Left Panel: Virtual Lane View. Right Panel: Electropherogram.



Detection of mouse BRD9 by Simple Western™. *Samples:* Whole cell lysate (2.0 mg/mL) from CT26 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-BRD9 recombinant monoclonal antibody [BLR153J] (A700-153) used at 1:50 and 1:250. *Separation and Detection:* SallySue ProteinSimple instrument with the 12–230 kDa separation module and anti-Rabbit detection module. Left Panel: Virtual Lane View. Right Panel: Electropherogram.