

BRD2 recombinant antibody

Rabbit anti-BRD2 Recombinant Monoclonal Antibody [BL-167-2A2]

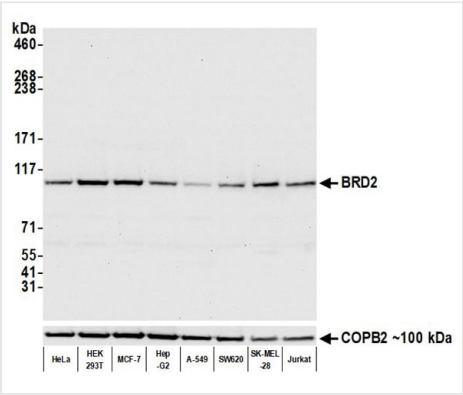
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213532	Rabbit	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

BRD2; Monoclonal Recombinant Antibody; Rabbit anti-BRD2 Recombinant Monoclonal Antibody [BL-167-2A2]; D6S113E; RING3; really interesting new gene 3 protein; O27.1.1; NAT; FSRG1; female sterile homeotic-related gene 1; RNF3; bromodomain-containing protein 2; BRD2-IT1; BRD2 intronic transcript 1; FSH; Bromodomain-containing protein 2; bromodomain containing 2; BRD2 recombinant antibody

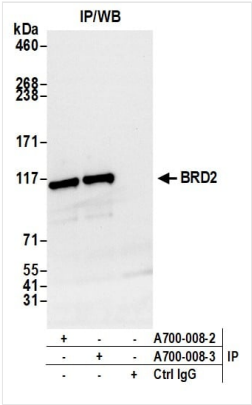
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BL-167-2A2
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	40ug/ml (varies by lot)
Applicable Applications for BRD2 recombinant antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 700 and 750
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



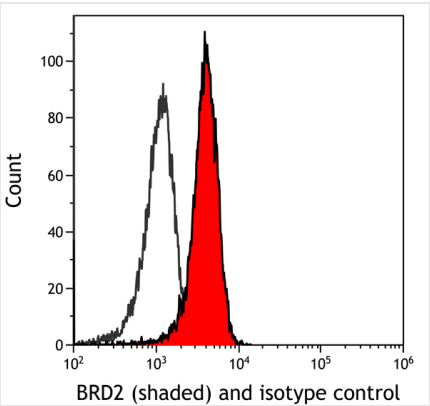
WB (Western Blot)

Detection of human BRD2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, MCF-7, Hep-G2, A-549, SW620, SK-MEL-28, and Jurkat cells prepared using NETN lysis buffer. Antibody: Rabbit anti-BRD2 recombinant monoclonal antibody [BL-167-2A2] (AAA213532 lot 3) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human BRD2 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-BRD2 recombinant monoclonal antibody [BL-167-2A2] (AAA213532 lot 3) used for IP at 20 ul/mg lysate. BRD2 was also immunoprecipitated by a previous lot of this antibody (lot AAA213532-2). For blotting immunoprecipitated BRD2, AAA213532 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 3 seconds.



FCM/FACS (Flow Cytometry)

Detection of human BRD2 (shaded) in Jurkat cells by flow cytometry. Antibody: Rabbit anti-BRD2 recombinant monoclonal [BL-167-2A2] (AAA213532 lot 3) or isotype control (unshaded). Secondary: DyLight 488-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for BRD2 recombinant antibody	BRD2 (bromodomain-containing 2) is a nuclear mitogen-activated kinase that plays a role in transcription of cell-cycle-regulated genes by functioning as an adapter protein that recruits E2F and chromatin remodeling factors to E2F response elements.
Product Categories/Family for BRD2 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	6046
UniProt Accession #	P25440
UniProt Protein Name	Bromodomain-containing protein 2
UniProt Gene Name	BRD2
UniProt Synonym Gene Names	KIAA9001; RING3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/brd2-recombinant-antibody-clone-bl-167-2a2-flow-cytometry-immunoprecipitation-western-blot-elisa/213532>