

Mouse anti-Human BRD2 Monoclonal Antibody | anti-BRD2 antibody

Mouse anti-BRD2 Monoclonal Antibody, Affinity Purified [12C2E4]

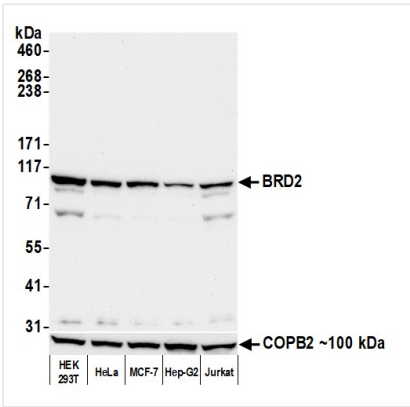
CATALOG # AAA213500	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

BRD2; Monoclonal Antibody; Mouse anti-BRD2 Monoclonal Antibody; Affinity Purified [12C2E4]; 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; anti-BRD2 antibody

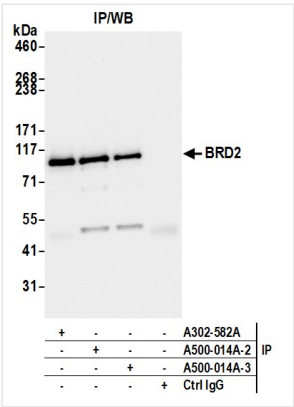
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	12C2E4
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	40ug/ml (varies by lot)
Applicable Applications for anti-BRD2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Bovine, Dog, Horse, Pig, Panda, Orangutan, Monkey, Gorilla, Chimpanzee, African elephant, White-tufted-ear marmoset, Crab-eating macaque, Chinese hamster, Northern white-cheeked gibbon, Thirteen-lined ground squirrel, Gray short-tailed opossum, Tasmanian devil, Naked mole rat
Immunogen	Between 675 and 725
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 HEK293T, HeLa, MCF-7, Hep-G2, and Jurkat cells prepared using NETN lysis buffer. Antibody: Mouse anti-BRD2 monoclonal antibody [12C2E4] (AAA213500 lot 3) used at 1:1000. Secondary: HRP-conjugated goat anti-mouse IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-COPB2 antibody .



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: Mouse anti-BRD2 monoclonal antibody [12C2E4] (AAA213500 lot 3) used for IP at 20 ul/mg lysate. BRD2 was also immunoprecipitated by a previous lot of this antibody (AAA213500 lot 2) and a second antibody against a different epitope of BRD2 . For blotting immunoprecipitated BRD2, AAA213500 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-BRD2 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 anti-BRD2 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
UniProt Entry Name	BRD2_HUMAN

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-antibody-clone-12c2e4-immunoprecipitation-western-blot-elisa/213500>