

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

BRD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30523	Rabbit	Human	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

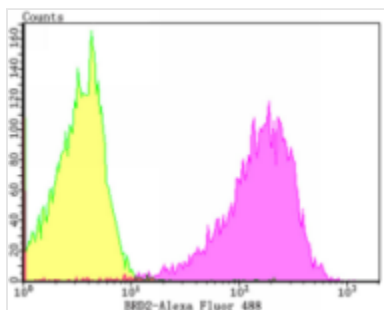
PRODUCT SYNONYMS

BRD2; Monoclonal Antibody; BRD2 Antibody; BRD 2 antibody; Brd2 antibody; BRD2_HUMAN antibody; Bromodomain containing 2 antibody; Bromodomain-containing protein 2 antibody; D6S113E antibody; DKFZp686N0336 antibody; Female sterile homeotic related gene 1 antibody; Female sterile homeotic related gene 1; mouse; homolog of antibody; FLJ31942 antibody; FSH antibody; FSRG1 antibody; KIAA9001 antibody; NAT antibody; O27.1.1 antibody; Really interesting new gene 3 protein antibody; RING3 antibody; RING3 PROTEIN antibody; RNF3 antibody; anti-BRD2 antibody

PRODUCT SPECIFICATIONS

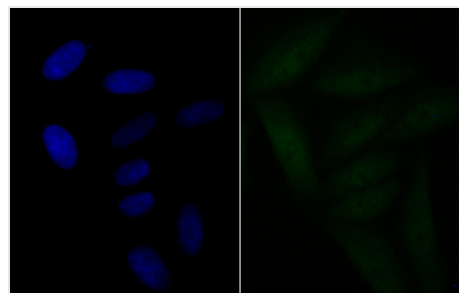
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JG40-42
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-BRD2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein within human BRD2 aa 1-200.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



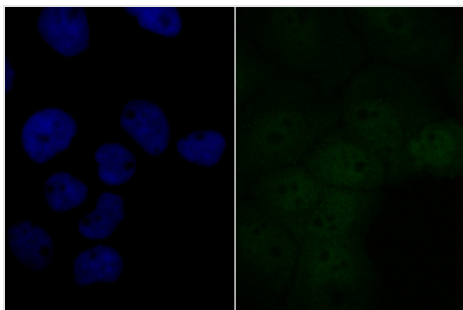
FCM (Flow Cytometry)

Flow cytometric analysis of 293T cells with BRD2 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



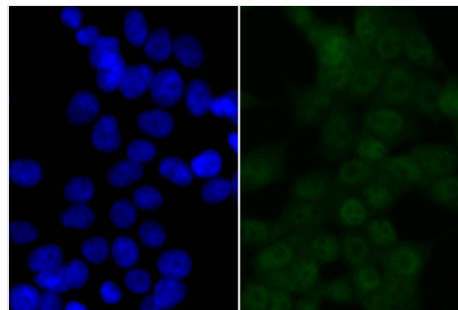
ICC (Immunocytochemistry)

ICC staining BRD2 in SiHa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



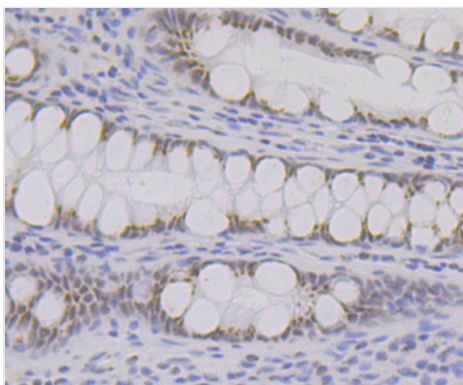
ICC (Immunocytochemistry)

ICC staining BRD2 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



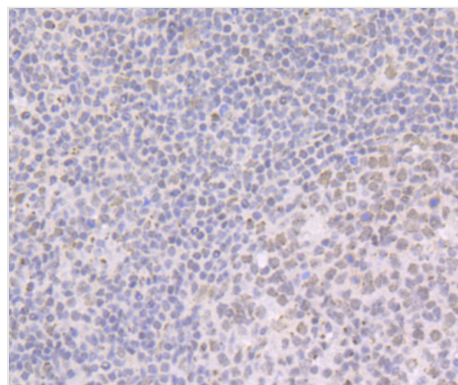
ICC (Immunocytochemistry)

ICC staining BRD2 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-BRD2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-BRD2 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-BRD2 antibody	The bromodomain-containing proteins include BRD2, BRD3, BRD4 and BRDT. BRD2 (RING3 protein) is a mitogen-activated nuclear protein whose gene is located in the human MHC II region, suggesting its relation to HLA-associated diseases. The gene encoding BRD3 (RING3-like protein) contains two bromodomains and maps to chromosome 9q34. BRD4 (HUNK1 protein) is a nuclear protein involved in the regulation of chromosomal dynamics during mitosis. The testis-specific bromodomain protein BRDT contains a PEST sequence, indicating that it undergoes rapid intracellular degradation. The bromodomain-containing proteins are ubiquitously expressed.
Product Categories/Family for anti-BRD2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	164419758
NCBI GeneID	6046
NCBI Accession #	NP_001106653.1
NCBI GenBank Nucleotide #	NM_001113182.2
UniProt Accession #	P25440; O00699; O00700; Q15310; Q5STC9; Q6P3U2; Q969U4; A2AAU0; B0S7P0; B1AZT1
Molecular Weight	801
NCBI Official Full Name	bromodomain-containing protein 2 isoform 1
NCBI Official Synonym Full Names	bromodomain containing 2
NCBI Official Symbol	BRD2
NCBI Official Synonym Symbols	FSH; NAT; RNF3; FSRG1; RING3; D6S113E

NCBI Protein Information	bromodomain-containing protein 2; O27.1.1; bromodomain-containing 2; really interesting new gene 3 protein; female sterile homeotic-related gene 1
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-jg40-42-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/30523>