

For Research Use Only

BRD4 Recombinant monoclonal antibody

Catalog Number: 88289-2-RR



Basic Information

Catalog Number:

88289-2-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC035266

GeneID (NCBI):

23476

UNIPROT ID:

O60885

Full Name:

bromodomain containing 4

Calculated MW:

1362 aa, 152 kDa

Observed MW:

200 kDa

Purification Method:

Protein A purification

CloneNo.:

260746D10

Recommended Dilutions:

WB: 1:2000-1:10000

IF/ICC: 1:500-1:2000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HepG2 cells, HeLa cells, Jurkat cells, MCF-7 cells, MDA-MB-231 cells, NIH/3T3 cells, C6 cells

IF/ICC : HepG2 cells,

Background Information

BRD4 is a member of the BET (bromodomain and extra terminal domain) family, which also includes BRD2, BRD3, and BRDT. BRD4, similar to other BET family members, contains two bromodomains that recognize acetylated lysine residues. BRD4 also has an extended C-terminal domain with little sequence homology to other BET family members. BRD4 has some isoforms, the long isoform BRD4-L has an extended C terminus, while the short isoform BRD4-S lacks this C-terminal extension. The molecular weight range of BRD4-S and BRD4-L is 110 kDa to 200 kDa (PMID: 32203489).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

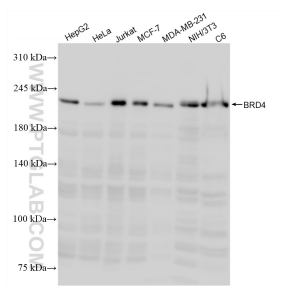
T: 4006900926

E: Proteintech-CN@ptglab.com

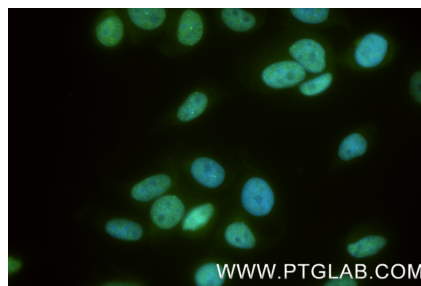
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88289-2-RR (BRD4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using BRD4 antibody (88289-2-RR, Clone: 260746D10) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).