

For Research Use Only

# BRD3 Monoclonal antibody

Catalog Number: 60971-1-Ig



## Basic Information

Catalog Number:

60971-1-Ig

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG33684

GenBank Accession Number:

BC032124

GeneID (NCBI):

8019

UNIPROT ID:

Q15059

Full Name:

bromodomain containing 3

Calculated MW:

556 aa, 61 kDa

Observed MW:

95-105 kDa

Purification Method:

Protein G purification

CloneNo.:

1C8C11

Recommended Dilutions:

WB: 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : LNCaP cells, HeLa cells, HEK-293 cells, Jurkat cells, MOLT-4 cells, HSC-T6 cells, NIH/3T3 cells

## Background Information

BRD3 belongs to the BET family that a small group of unique, highly conserved bromodomain-containing genes with four members in mouse and human. There are BRD2, BRD3, BRD4 and BRDT. And BET family proteins all localize in the nucleus, and contain two tandem N-terminal BRDs, an extra-terminal (ET) domain and a more divergent C-terminal recruitment domain (PMID:25849938). BRD2, BRD3, and BRD4 play key roles in transcription of genes required for both inflammation and cancer. Northern hybridization revealed that BRD3 is most abundant in testis, ovary, placenta, uterus, and brain (PMID:15261828; PMID:27451123).

## 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:

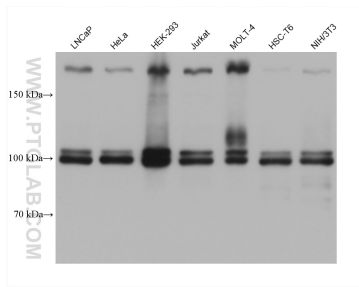
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60971-1-Ig (BRD3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.