

For Research Use Only

# BRD3 Monoclonal antibody

Catalog Number:60971-1-Ig



## Basic Information

Catalog Number:	60971-1-Ig	GenBank Accession Number:	BC032124	Purification Method:	Protein G purification
Size:	150ul , Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	8019	CloneNo.:	1C8C11
Source:	Mouse	UNIPROT ID:	Q15059	Recommended Dilutions:	WB: 1:5000-1:50000
Isotype:	IgG1	Full Name:	bromodomain containing 3		
Immunogen Catalog Number:	AG33684	Calculated MW:	556 aa, 61 kDa		
		Observed MW:	95-105 kDa		

## Applications

Tested Applications:	WB, ELISA	Positive Controls:	WB : LNCaP cells, HeLa cells, HEK-293 cells, Jurkat cells, MOLT-4 cells, HSC-T6 cells, NIH/3T3 cells
Species Specificity:	human, mouse, rat		

## Background Information

BRD3 was 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 tandems 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

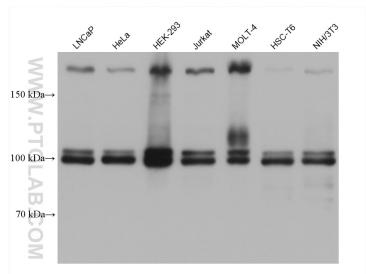
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com  
W: ptglab.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.