

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 |
| Source: | Mouse | GenelD (NCBI): | 8019 | CloneNo.: | 1C8C11 |
| Isotype: | IgG1 | UNIPROT ID: | Q15059 | Recommended Dilutions: | WB: 1:5000-1:50000 |
| Immunogen Catalog Number: | AG33684 | Full Name: | bromodomain containing 3 | | |
| | | Calculated MW: | 556 aa, 61 kDa | | |
| | | Observed MW: | 95-105 kDa | | |

Applications

| | |
|----------------------|---|
| Tested Applications: | Positive Controls: |
| WB, ELISA | 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 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:

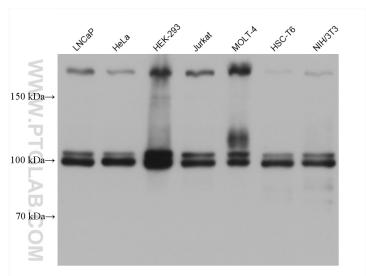
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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.