

For Research Use Only

BRD3 Recombinant monoclonal antibody

Catalog Number:87030-5-RR



Basic Information

Catalog Number: 87030-5-RR	GenBank Accession Number: BC032124	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 8019	CloneNo.: 252502F5
Isotype: IgG	UNIPROT ID: Q15059	Recommended Dilutions: WB: 1:5000-1:50000
Immunogen Catalog Number: AG2433	Full Name: bromodomain containing 3	
	Calculated MW: 556 aa, 61 kDa	
	Observed MW: 95-105 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, Y79 cells, HepG2 cells, HEK-293 cells, Jurkat cells, NIH/3T3 cells, PC-12 cells
Species Specificity: human, mouse, rat	

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 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

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

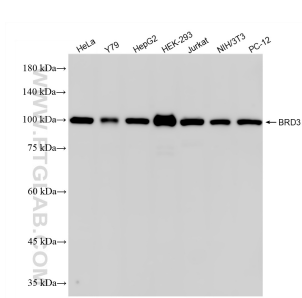
T: 4006900926

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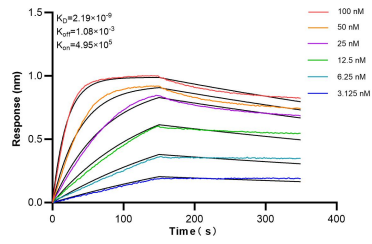
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87030-5-RR (BRD3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87030-5-RR against Human BRD3 were performed. The affinity constant is 2.19 nM.