

BRD3 Monoclonal antibody, PBS Only (Capture)

Catalog Number:60971-1-PBS

Basic Information

| | | | |
|---------------------------|-------------|---------------------------|--------------------------|
| Catalog Number: | 60971-1-PBS | GenBank Accession Number: | BC032124 |
| Source: | Mouse | GenID (NCBI): | 8019 |
| Isotype: | IgG1 | UNIPROT ID: | Q15059 |
| Immunogen Catalog Number: | AG33684 | Full Name: | bromodomain containing 3 |
| | | Calculated MW: | 556 aa, 61 kDa |
| | | Observed MW: | 95-105 kDa |

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat

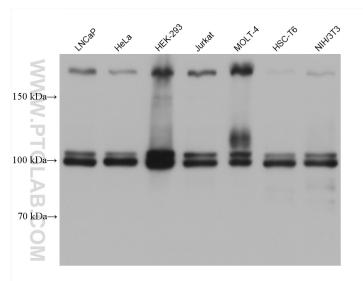
Background Information

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).

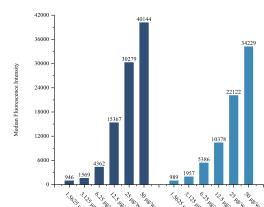
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

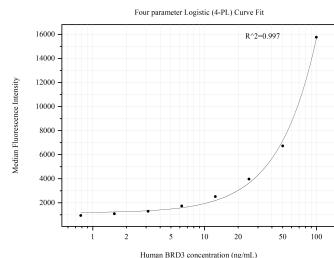
Selected Validation Data



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. This data was developed using the same antibody clone with 60971-1-PBS in a different storage buffer formulation.



Sample test of MP51395-1, BRD3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60971-1-PBS. Detection antibody: 60971-2-PBS.



Cytometric bead array standard curve of MP51395-1, BRD3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60971-1-PBS. Detection antibody: 60971-2-PBS. Standard: Ag33684. Range: 0.781-100 ng/ml.