

For Research Use Only

# BRD8 Monoclonal antibody, PBS Only



Catalog Number: 60121-1-PBS

Featured Product

## Basic Information

<b>Catalog Number:</b> 60121-1-PBS	<b>GenBank Accession Number:</b> BC008039	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10902	<b>CloneNo.:</b> 5B6D6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9HOE9	
<b>Isotype:</b> IgG1	<b>Full Name:</b> bromodomain containing 8	
<b>Immunogen Catalog Number:</b> AG0790	<b>Calculated MW:</b> 120 kDa	
	<b>Observed MW:</b> 120 kDa	

## Applications

**Tested Applications:**  
WB, IF, IHC, ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

BRD8 is one of the bromodomain-containing proteins, which is an acetylated lysine-binding domain and thought to be involved in regulation of protein acetylation and/or HAT (histone acetyl transferase) activity [PMID: 12963728]. It is also reported to be an accessory subunit of NuA4 HAT complex (also known as TRRAP/TIP60 complex) through biochemical purification [PMID: 16049979]. In addition, it can bind to thyroid hormone receptor- $\beta$  and/or retinoid X receptor, and can act as a coactivator of the nuclear hormone receptor-mediated transcription in reporter assays [PMID: 10517671].

## Storage

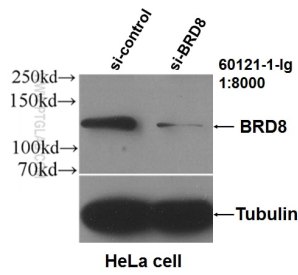
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only

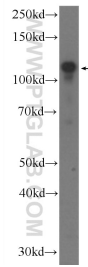
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

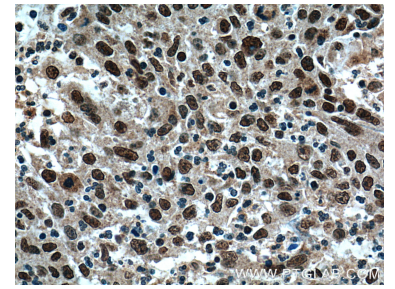
## Selected Validation Data



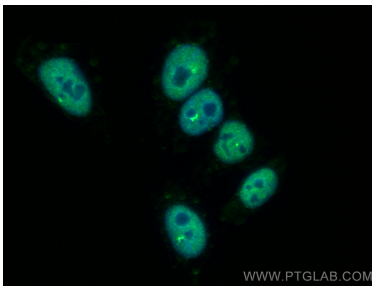
WB result of BRD8 antibody (60121-1-Ig, 1:8000) with si-Control and si-BRD8 transfected HeLa cells.. This data was developed using the same antibody clone with 60121-1-PBS in a different storage buffer formulation.



fetal human brain tissue were subjected to SDS PAGE followed by western blot with 60121-1-Ig (BRD8 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60121-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 60121-1-Ig (BRD8 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60121-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using BRD8 antibody (60121-1-Ig, Clone: 5B6D6) at dilution of 1:2000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60121-1-PBS in a different storage buffer formulation.