

For Research Use Only

# BRD8 Monoclonal antibody

Catalog Number: 60121-1-Ig **Featured Product**



## Basic Information

<b>Catalog Number:</b> 60121-1-Ig	<b>GenBank Accession Number:</b> BC008039	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1467 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10902	<b>CloneNo.:</b> 5B6D6
<b>Source:</b> Mouse	<b>Full Name:</b> bromodomain containing 8	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500 IF 1:1000-1:4000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 120 kDa	
<b>Immunogen Catalog Number:</b> AG0790	<b>Observed MW:</b> 120 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> fetal human brain tissue, HeLa cells
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human colon cancer tissue,
	<b>IF :</b> HepG2 cells, HEK-293 cells

## 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-β and/or retinoid X receptor, and can act as a coactivator of the nuclear hormone receptor-mediated transcription in reporter assays [PMID: 10517671].

## Storage

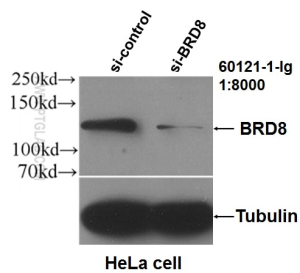
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

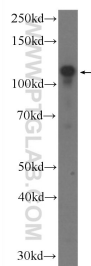
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

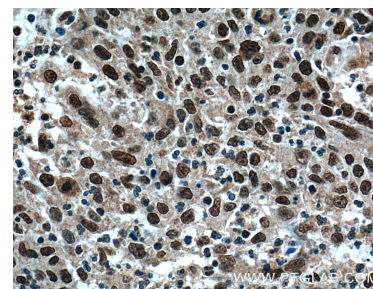
## Selected Validation Data



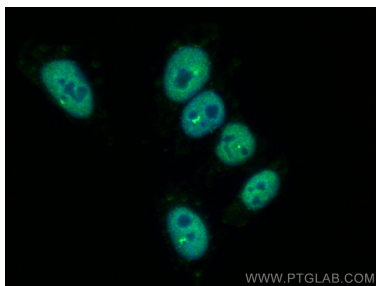
WB result of BRD8 antibody (60121-1-Ig, 1:8000) with si-Control and si-BRD8 transfected HeLa cells..



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.



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).



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).