

BRD8 Monoclonal antibody

Catalog Number: 60121-1-Ig

Featured Product

Basic Information

Catalog Number:

60121-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG0790

GenBank Accession Number:

BC008039

GeneID (NCBI):

10902

UNIPROT ID:

Q9H0E9

Full Name:

bromodomain containing 8

Calculated MW:

120 kDa

Observed MW:

120 kDa

Purification Method:

Protein A purification

CloneNo.:

5B6D6

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:1000-1:4000

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : fetal human brain tissue, HeLa cells

IHC : human colon cancer tissue,

IF/ICC : 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:

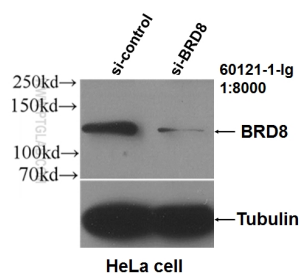
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

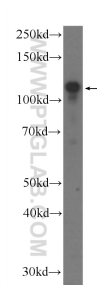
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

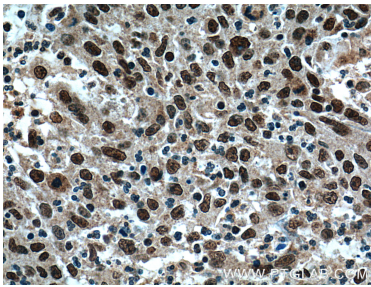
Selected Validation Data



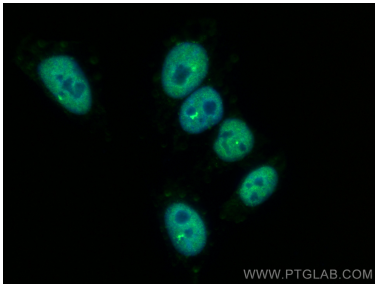
WB result of BRD8 antibody (60121-1-Ig, 1:8000) with si-Control and si-BRD8 transfected HeLa cells..



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).