

For Research Use Only

# BRD8 Recombinant antibody

Catalog Number: 84965-1-RR



## Basic Information

<b>Catalog Number:</b> 84965-1-RR	<b>GenBank Accession Number:</b> BC008039	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10902	<b>CloneNo.:</b> 242610F5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H0E9	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IF/ICC 1:250-1:1000
<b>Isotype:</b> IgG	<b>Full Name:</b> bromodomain containing 8	
<b>Immunogen Catalog Number:</b> AG0790	<b>Calculated MW:</b> 120 kDa	
	<b>Observed MW:</b> 120-170 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> U2OS cells, HeLa cells, HEK-293T cells <b>IF/ICC :</b> HeLa 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]. Interestingly, in the breast cancer cells we detected the 170 kDa endogenous BRD8 protein, which was larger than its calculated 135 kDa molecular weight (MW) from its a.a. residues. The study found that with an anti-HA tag antibody, we validated the expression of HA-tagged full-length BRD8 and four different BRD8 fragments expressed in HEK293T cells. The apparent MWs of these BRD8 full-length and fragment proteins were also larger than their calculated MWs based on their a.a. residues. (PMID: 37680145)

## Storage

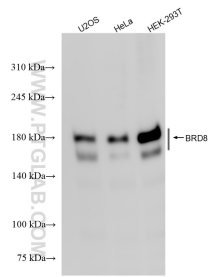
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

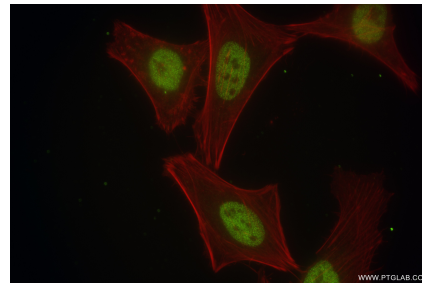
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84965-1-RR (BRD8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using BRD8 antibody (84965-1-RR, Clone: 242610F5) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).