

For Research Use Only

BRD8 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84965-1-PBS



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
84965-1-PBS	BC008039	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
1 mg/ml	10902	242610F5
Source:	UNIPROT ID:	
Rabbit	Q9H0E9	
Isotype:	Full Name:	
IgG	bromodomain containing 8	
Immunogen Catalog Number:	Calculated MW:	
AG0790	120 kDa	
	Observed MW:	
	120-170 kDa	

Applications

Tested Applications:
WB, IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

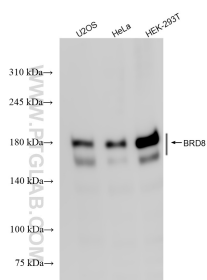
T: 4006900926

E: Proteintech-CN@ptglab.com

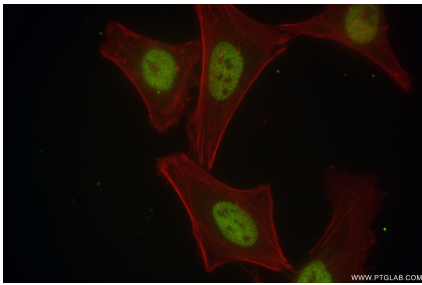
W: ptgcn.com

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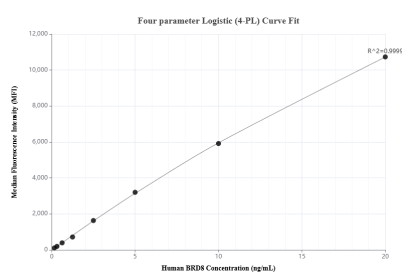
Selected Validation Data



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. This data was developed using the same antibody clone with 84965-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 84965-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01679-1, BRD8 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84965-2-PBS. Detection antibody: 84965-1-PBS. Standard: Ag0790. Range: 0.156-20 ng/mL.