

For Research Use Only

BRD8 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84965-1-PBS



Basic Information

Catalog Number: 84965-1-PBS	GenBank Accession Number: BC008039	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10902	CloneNo.: 242610F5
Source: Rabbit	UNIPROT ID: Q9H0E9	
Isotype: IgG	Full Name: bromodomain containing 8	
Immunogen Catalog Number: AG0790	Calculated MW: 120 kDa	
	Observed MW: 120-170 kDa	

Applications

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

Species Specificity:
human

Product Information

84965-1-PBS targets BRD8 as part of a matched antibody pair:

MP01679-1: 84965-2-PBS capture and 84965-1-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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

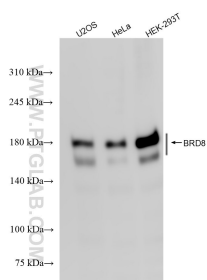
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

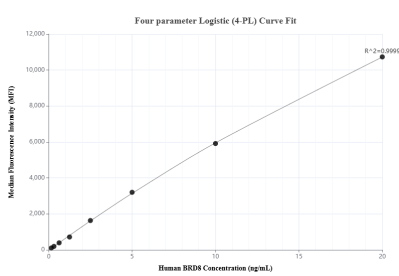
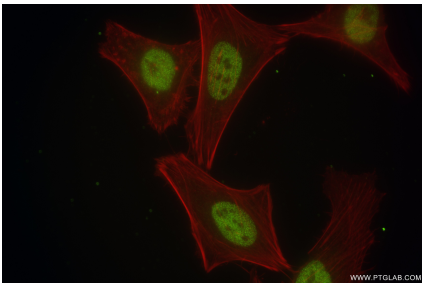
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.



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.