

For Research Use Only

CoraLite® Plus 488-conjugated BRD8 Recombinant antibody

Catalog Number: CL488-84965



Basic Information

Catalog Number: CL488-84965	GenBank Accession Number: BC008039	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 10902	CloneNo.: 242610F5
Source: Rabbit	UNIPROT ID: Q9H0E9	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: bromodomain containing 8	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG0790	Calculated MW: 120 kDa	
	Observed MW: 120-170 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
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)

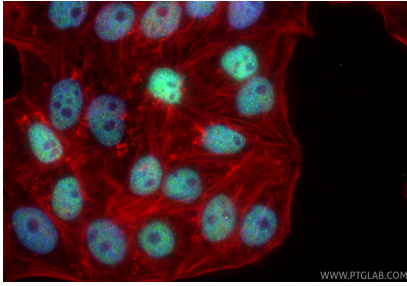
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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)
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 BRD8 antibody (CL488-84965, Clone: 242610F5) at dilution of 1:200, CL594-Phalloidin (red).