

For Research Use Only

CoraLite® Plus 488-conjugated CBX1 Recombinant antibody

Catalog Number:CL488-83248-4



Basic Information

Catalog Number: CL488-83248-4	GenBank Accession Number: BC002609	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10951	CloneNo.: 240075H6
Source: Rabbit	UNIPROT ID: P83916	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: chromobox homolog 1 (HP1 beta homolog Drosophila)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG34901	Calculated MW: 27 kDa	
	Observed MW: 27 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human, mouse	

Background Information

One function of heterochromatin is the epigenetic silencing by sequestration of genes into transcriptionally repressed nuclear neighborhoods. Heterochromatin protein 1 (HP1) is a major component of heterochromatin and is a candidate for establishing and mediating gene silencing. This protein is expressed in all adult and embryonic tissues, as a homodimer.

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, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 CBX1 antibody (CL488-83248-4, Clone: 240075H6) at dilution of 1:200.