

For Research Use Only

CoraLite® Plus 488-conjugated CBX1 Recombinant antibody

Catalog Number: CL488-83248-4



Basic Information

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|--|---|---|
| Catalog Number: CL488-83248-4 | GenBank Accession Number: BC002609 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 ug/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

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| 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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.