

For Research Use Only

CoraLite® Plus 488-conjugated HIRA Recombinant antibody



Catalog Number: CL488-83194-5

Basic Information

Catalog Number: CL488-83194-5	GenBank Accession Number: NM_003325	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 7290	CloneNo.: 240006E5
Source: Rabbit	UNIPROT ID: P54198	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: HIR histone cell cycle regulation defective homolog A (S. cerevisiae)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG34439	Calculated MW: 112 kDa	

Applications

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

Background Information

HIRA protein is encoded by a gene within a region of human chromosome 22q11.2 deleted in most patients with the DiGeorge syndrome, a developmental disorder, and was named for its amino acid sequence homology to two *S. cerevisiae* proteins, Hir1p and Hir2p. HIRA is critical in a specific chromatin assembly pathway that takes place independently of DNA synthesis (PMID: 12049744). HIRA complex associates with various proteins, such as transcription factors, RNA pol II, Prohibitin (PHB), and replication protein A (RPA) suggests that the targeting of the complex at specific locations may exploit additional structural properties and mechanisms (PMID: 30082790).

Storage

Storage:
Store at -20°C. Avoid exposure to light.
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:

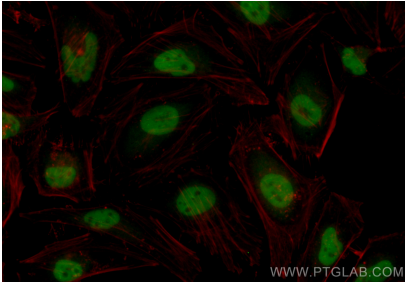
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 HIRA antibody (CL488-83194-5, Clone: 240006E5) at dilution of 1:200.