

For Research Use Only

CoraLite® Plus 647-conjugated HEXIM1 Polyclonal antibody



Catalog Number: CL647-15676

Featured Product

Basic Information

Catalog Number: CL647-15676	GenBank Accession Number: BC006460	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10614	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Source: Rabbit	Full Name: hexamethylene bis-acetamide inducible 1	
Isotype: IgG	Calculated MW: 41 kDa	
Immunogen Catalog Number: AG8144	Observed MW: 70 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

Background Information

HEXIM1, also named CLP1, EDG1, HIS1 or MAQ1, is best known as the inhibitor of positive transcription elongation factor b, which regulates the transcription elongation of RNA polymerase II and controls 60-70% of mRNA synthesis. HEXIM1 regulates NF-kappa-B, ESR1, NR3C1 and CIITA-dependent transcriptional activity. Previous studies showed that HEXIM1 interacts with two key p53 regulators, nucleophosmin and HDM2, implying a possible connection between HEXIM1 and the p53 signaling pathway. The mainstream MW of this protein is 65-70 kDa and 54 kDa (PMID: 33627647, PMID: 20976203, PMID: 28254838).

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.

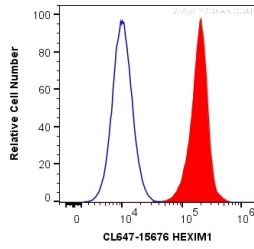
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug Coralite® Plus 647 Anti-Human HEXIM1 (CL647-15676) (red), or 0.2 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).