

For Research Use Only

CoraLite® Plus 488-conjugated HuR/ELAVL1 Polyclonal antibody



Catalog Number: CL488-11910

Featured Product

Basic Information

Catalog Number: CL488-11910	GenBank Accession Number: BC003376	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1994	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen 493 nm / 522 nm R)	Excitation/Emission maxima wavelengths:
Isotype: IgG	Calculated MW: 326 aa, 36 kDa	
Immunogen Catalog Number: AG2249	Observed MW: 30-37 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : HeLa cells, MCF-7 cells
Species Specificity: human, mouse, rat	

Background Information

ELAVL1, also named as HUR, belongs to the RRM elav family. It is involved in 3'-UTR ARE-mediated MYC stabilization. ELAVL1 binds avidly to the AU-rich element in FOS and IL3/interleukin-3 mRNAs. In the case of the FOS AU-rich element, ELAVL1 binds to a core element of 27 nucleotides that contain AUUUUA, AUUUUA and AUUUUUUA motifs.

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

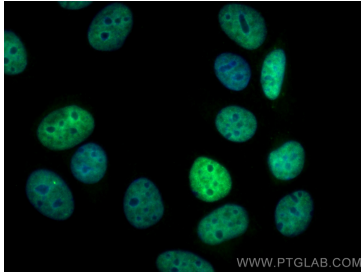
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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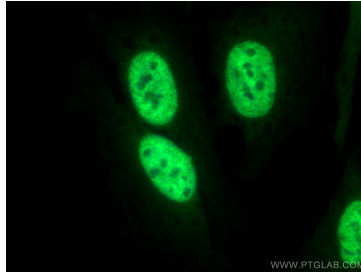
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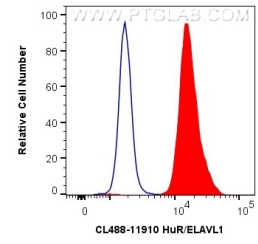
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite® Plus 488 HuR/ELAVL1 antibody (CL488-11910) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 HuR antibody (CL488-11910) at dilution of 1:200.



1X10⁶ MCF-7 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human HuR/ELAVL1 (CL488-11910) (red), or 0.8 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).