

For Research Use Only

# CoraLite® Plus 488-conjugated HuR/ELAVL1 Monoclonal antibody



Catalog Number: CL488-66549

## Basic Information

<b>Catalog Number:</b> CL488-66549	<b>GenBank Accession Number:</b> BC003376	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1994	<b>CloneNo.:</b> 1A11H2
<b>Source:</b> Mouse	<b>Full Name:</b> ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R)	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 326 aa, 36 kDa	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG2249	<b>Observed MW:</b> 37 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : L02 cells, HepG2 cells
<b>Species Specificity:</b> 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

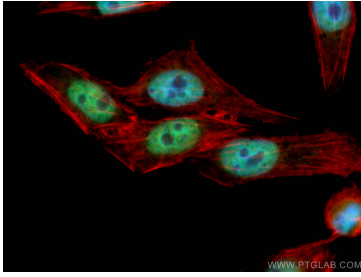
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

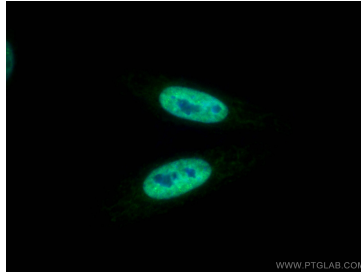
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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 L02 cells using CoraLite® Plus 488-conjugated HuR/ELAVL1 antibody (CL488-66549, Clone: 1A11H2 ) at dilution of 1:100, CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 HuR antibody (CL488-66549, Clone: 1A11H2 ) at dilution of 1:800.