

For Research Use Only

# CoraLite® Plus 488-conjugated HNRNPD Monoclonal antibody

Catalog Number: CL488-68236



## Basic Information

<b>Catalog Number:</b> CL488-68236	<b>GenBank Accession Number:</b> BC026015	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3184	<b>CloneNo.:</b> 2G9E6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q14103	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG2b	<b>Full Name:</b> heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa)	<b>Excitation/Emission maxima wavelengths:</b>
<b>Immunogen Catalog Number:</b> AG3458	<b>Calculated MW:</b> 355 aa, 38 kDa	
	<b>Observed MW:</b> 38 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HepG2 cells,
<b>Species Specificity:</b> Human, mouse, rat, pig, rabbit	

## Background Information

The heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. HNRNPD, also known as AUF1, belongs to the family of AU-binding proteins (AU-BPs) that regulate the cellular half-lives of many mRNAs by directly interacting with an AU-rich element (ARE) located in their 3' untranslated region (PMID:8578590,12704645). AUF1 has four isoforms produced by alternative splicing of a single transcript: p37, p40, p42, and p45 (PMID:9521873).

## Storage

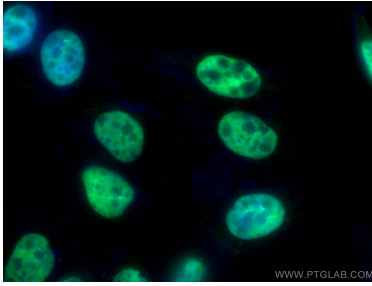
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 HNRNP antibody (CL488-68236, Clone: 2G9E6 ) at dilution of 1:200.