

For Research Use Only

# CoraLite® Plus 488-conjugated HNRNPA1 Monoclonal antibody



Catalog Number: **CL488-67844**

## Basic Information

<b>Catalog Number:</b> CL488-67844	<b>GenBank Accession Number:</b> BC009600	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3178	<b>CloneNo.:</b> 1A5A4
<b>Source:</b> Mouse	<b>Full Name:</b> heterogeneous nuclear ribonucleoprotein A1	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG2b	<b>Calculated MW:</b> 34 kDa	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Immunogen Catalog Number:</b> AG17415	<b>Observed MW:</b> 34 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : HeLa cells,
<b>Species Specificity:</b> Human, Mouse	

## Background Information

In eukaryotic cells, nascent RNA polymerase II transcripts are associated in the nucleus with specific proteins to form ribonucleoprotein complexes called HNRP or 40S. Protein moiety of the HNRP particle has 6 major components called core proteins, and HNRPA1 is one of them. hnRNP A1 is a multifunctional RNA binding protein which is involved in pre-mRNA splicing, export of mature transcripts from the nucleus, mRNA turnover, and internal ribosome entry site (IRES)-mediated translation. HNRNPA1 has three isoforms with MW 30 kDa, 34 kDa and 39 kDa.

## Storage

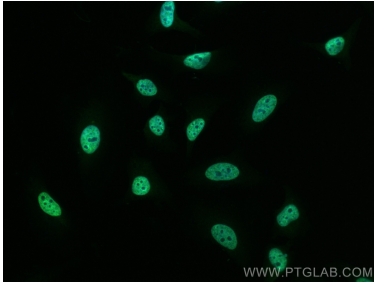
**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 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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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 HNRNPA1 antibody (CL488-67844, Clone: 1A5A4) at dilution of 1:200.