

For Research Use Only

# CoraLite® Plus 488-conjugated RPL6 Monoclonal antibody



Catalog Number: CL488-67729

## Basic Information

<b>Catalog Number:</b> CL488-67729	<b>GenBank Accession Number:</b> BC004138	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 6128	<b>CloneNo.:</b> 3F6F8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q02878	<b>Recommended Dilutions:</b> IF 1:300-1:1200
<b>Isotype:</b> IgG1	<b>Full Name:</b> ribosomal protein L6	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG6840	<b>Calculated MW:</b> 33 kDa	
	<b>Observed MW:</b> 34 kDa	

## Applications

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

## Background Information

Ribosomes are large multiple protein complexes which is composed of more than 80 components and provide a protein-synthesizing machinery for all living cells. Ribosomal protein like 6 (RPL6, also called Taxreb107 for Tax responsive element binding protein 107), one of the ribosomal components, can bind with the Tax responsive element of human T cell leukemia virus (HTLV)-I in addition to be assembled to ribosomes [PMID:12031506]. Overexpressed in gastric cancer could promote cell growth and cell cycle progression at least through upregulating cyclin E expression [PMID:20171175].

## 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

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

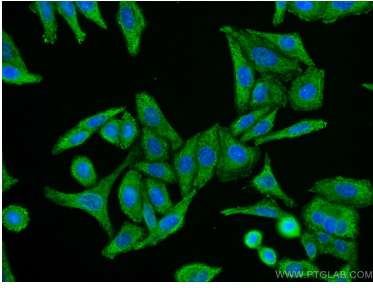
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 RPL6 antibody (CL488-67729, Clone: 3F6F8) at dilution of 1:600.