

For Research Use Only

# CoraLite® Plus 488-conjugated RPL6 Monoclonal antibody

Catalog Number:CL488-67729



## Basic Information

### Catalog Number:

CL488-67729

### GenBank Accession Number:

BC004138

### Purification Method:

Antigen affinity purification

### Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

### GeneID (NCBI):

6128

### CloneNo.:

3F6F8

### Source:

Mouse

### UNIPROT ID:

Q02878

### Recommended Dilutions:

IF/ICC 1:300-1:1200

### Isotype:

IgG1

### Full Name:

ribosomal protein L6

### Excitation/Emission maxima wavelengths:

493 nm / 522 nm

### Immunogen Catalog Number:

AG6840

### Calculated MW:

33 kDa

### Observed MW:

34 kDa

## Applications

### Tested Applications:

IF/ICC

### Positive Controls:

IF/ICC : HepG2 cells,

### Species Specificity:

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. 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

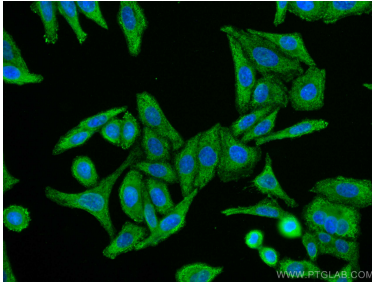
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## Selected Validation Data



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