

CoraLite® Plus 488-conjugated RPL6

Monoclonal antibody

Catalog Number: **CL488-67729**

Basic Information

Catalog Number:

CL488-67729

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6840

GenBank Accession Number:

BC004138

GeneID (NCBI):

6128

UNIPROT ID:

Q02878

Full Name:

ribosomal protein L6

Calculated MW:

33 kDa

Observed MW:

34 kDa

Purification Method:

Antigen affinity purification

CloneNo.:

3F6F8

Recommended Dilutions:

IF/ICC 1:300-1:1200

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

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:

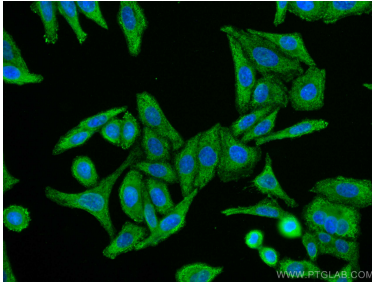
Store at -20°C. Avoid exposure to light.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.