

For Research Use Only

# CoraLite® Plus 488-conjugated REST Recombinant monoclonal antibody

Catalog Number: CL488-84846-4



## Basic Information

Catalog Number:

CL488-84846-4

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17707

GenBank Accession Number:

BC132859

GeneID (NCBI):

5978

UNIPROT ID:

Q13127

Full Name:

RE1-silencing transcription factor

Calculated MW:

1097 aa, 122 kDa

Observed MW:

200 kDa

Purification Method:

Protein A purification

CloneNo.:

241789D3

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

## Background Information

REST also named as NRSF or X2 box repressor is a 1097 amino acid protein, which contains 9 C2H2-type zinc fingers. REST as a transcriptional repressor binds neuron-restrictive silencer element (NRSE) and represses neuronal gene transcription in non-neuronal cells. Repressor element 1 (RE1) silencing transcription factor (REST), is widely expressed during embryogenesis and plays a strategic role in terminal neuronal differentiation. The molecular weight of REST is 121 kDa, but REST was detected at 200 kDa by western blot in our result, which is similar to the article (PMID: 16764822).

## 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

T: 4006900926

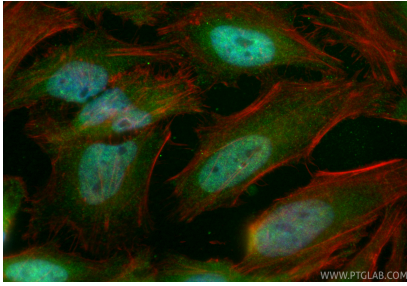
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 488 REST antibody (CL488-84846-4, Clone: 241789D3 ) at dilution of 1:200, CL594-Phalloidin (red).