

For Research Use Only

# CoraLite® Plus 488-conjugated CRBN Monoclonal antibody

Catalog Number: CL488-66336

Featured Product



## Basic Information

Catalog Number:

CL488-66336

Concentration:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17166

GenBank Accession Number:

BC017419

GeneID (NCBI):

51185

UNIPROT ID:

Q96SW2

Full Name:

cereblon

Calculated MW:

442 aa, 51 kDa

Observed MW:

51-60 kDa

Purification Method:

Protein G purification

CloneNo.:

2A9D11

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, pig

Positive Controls:

IF/ICC : Caco-2 cells,

## Background Information

CRBN plays an important role in assembly and surface expression of functional BK(Ca) channels. The mutation of human cereblon gene (CRBN) is related with mild mental retardation, and causes ARNSID (nonsyndromal intellectual disability) by disturbing the developmental regulation of BK(Ca) in brain regions that are critical for memory and learning. CRBN is also identified as important thalidomide-binding protein for limb outgrowth in zebrafish and chicks (PMID: 21232561).

## 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

Aliquoting is unnecessary for -20°C storage

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

T: 4006900926

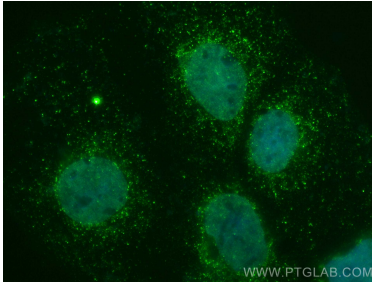
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Caco-2 cells using CoraLite® Plus 488 CRBN antibody (CL488-66336, Clone: 2A9D11 ) at dilution of 1:200.