

For Research Use Only

# CoraLite® Plus 488-conjugated PARD3 Polyclonal antibody

Catalog Number: CL488-11085

Featured Product



## Basic Information

### Catalog Number:

CL488-11085

### Size:

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

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1565

### GenBank Accession Number:

BC011711

### GeneID (NCBI):

56288

### UNIPROT ID:

Q8TEW0

### Full Name:

par-3 partitioning defective 3 homolog (C. elegans)

### Calculated MW:

151 kDa

### Observed MW:

180 kDa, 140-150 kDa, 100 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IF-P 1:50-1:500

### Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

### Tested Applications:

IF-P

### Species Specificity:

human, mouse, rat

### Positive Controls:

IF-P: mouse colon tissue,

## Background Information

PARD3 (also known as ASIP, Par3, or Bazooka) is one of PARD proteins which are essential for asymmetric cell division and polarized growth. PARD3 is involved in the establishment of cell polarity and in the asymmetric cytokinesis. It plays a role in tight junctions at epithelial cell-cell contacts. PARD3 has three splice isoforms at 100 kDa, 150 kDa, and 180 kDa. This polyclonal antibody raised against C-terminal 281 amino acids of human PARD3 recognizes these three isoforms.

## 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

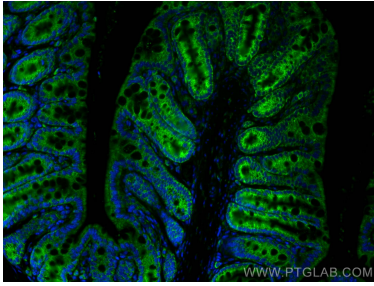
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

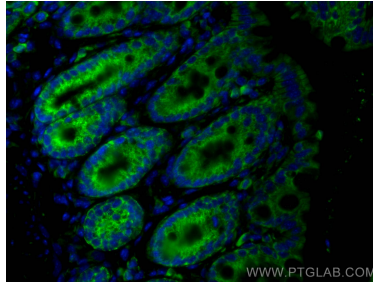
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse colon tissue using CoraLite® Plus 488 PARD3 antibody (CL488-11085) at dilution of 1:100.



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