

# CoraLite® Plus 488-conjugated PARD3 Monoclonal antibody

Catalog Number: **CL488-66968**

## Basic Information

**Catalog Number:**

CL488-66968

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG7656

**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:**

170 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

1D2B2

**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 : MCF-7 cells,

## 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.

## Storage

**Storage:**

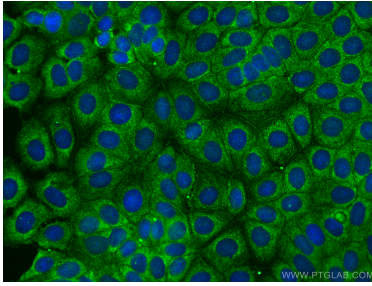
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

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

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using CoraLite® Plus 488 PARD3 antibody (CL488-66968, Clone: 1D2B2 ) at dilution of 1:200.