

# CRBN Monoclonal antibody

Catalog Number: 66336-1-Ig

Featured Product

1 Publications

## Basic Information

**Catalog Number:**

66336-1-Ig

**Size:**

150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;

**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 A purification

**CloneNo.:**

2A9D11

## Applications

**Tested Applications:**

ELISA

**Cited Applications:**

IHC

**Species Specificity:**

human, pig, mouse

**Cited Species:**

human

## 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. It can be detected a band above 51 kDa (maybe 55 kDa) in HT22 cells(PMID: 21232561).

## Notable Publications

Author	Pubmed ID	Journal	Application
Byung-Hyun Lee	34336672	Front Oncol	IHC

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

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

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