

# Cullin 5 Monoclonal antibody

Catalog Number: 60093-1-Ig

## Basic Information

Catalog Number:

60093-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG5453

GenBank Accession Number:

BC063306

GeneID (NCBI):

8065

UNIPROT ID:

Q93034

Full Name:

cullin 5

Calculated MW:

91 kDa

Purification Method:

Protein A purification

CloneNo.:

4A3E9

## Applications

Tested Applications:

ELISA

Species Specificity:

human, mouse

## Background Information

The cullin family proteins are scaffold proteins for the Ring finger type E3 ligases, participating in the proteolysis through the ubiquitin-proteasome pathway. Humans express seven cullin proteins: CUL1-3, CUL4A, CUL4B, CUL5, and CUL7. Each cullin protein can form an E3 ligase similar to the prototype Ring-type E3 ligase Skp1-CUL1-F-box complex. The Cullin-RING-finger type E3 ligases are important regulators in early embryonic development, as highlighted by genetic studies demonstrating that knock-out of CUL1, CUL3, or CUL4A in mice results in early embryonic lethality.

## Storage

Storage:

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

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

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