

## Cullin 5 Rabbit mAb

Catalog No: #52233

Package Size: #52233-1 50ul #52233-2 100ul

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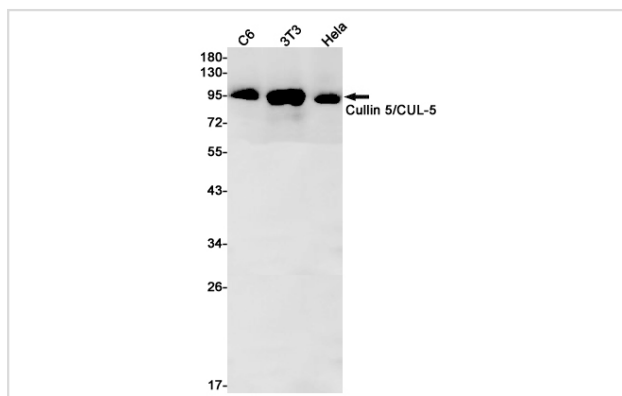
## Description

Product Name	Cullin 5 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S02-5K8
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human Cullin 5
Conjugates	Unconjugated
Modification	Unmodification
Other Names	CUL-5; VACM1; VACM-1
Accession No.	Swiss-Prot:Q93034GeneID:8065
Uniprot	Q93034
GeneID	8065
Calculated MW	Calculated MW: 91 kDa; Observed MW: 91 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Application Details

WB: 1/1000-1/5000

## Images



Western blot detection of Cullin 5/CUL-5 in C6,3T3,HeLa cell lysates using Cullin 5/CUL-5 Rabbit mAb(1:1000 diluted).Predicted band size:91kDa.Observed band size:91kDa.

## Background

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Swiss-Prot Acc.Q93034. Core component of multiple SCF-like ECS (Elongin-Cullin 2/5-SOCS-box protein) E3 ubiquitin-protein ligase complexes, which mediate the ubiquitination and subsequent proteasomal degradation of target proteins. As a scaffold protein may contribute to catalysis through positioning of the substrate and the ubiquitin-conjugating enzyme. The functional specificity of the E3 ubiquitin-protein ligase complex depends on the variable substrate recognition component. ECS(SOCS1) seems to direct ubiquitination of JAK2. Seems to be involved in proteasomal degradation of p53/TP53 stimulated by adenovirus E1B-55 kDa protein. May form a cell surface vasopressin receptor.

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Note: This product is for in vitro research use only