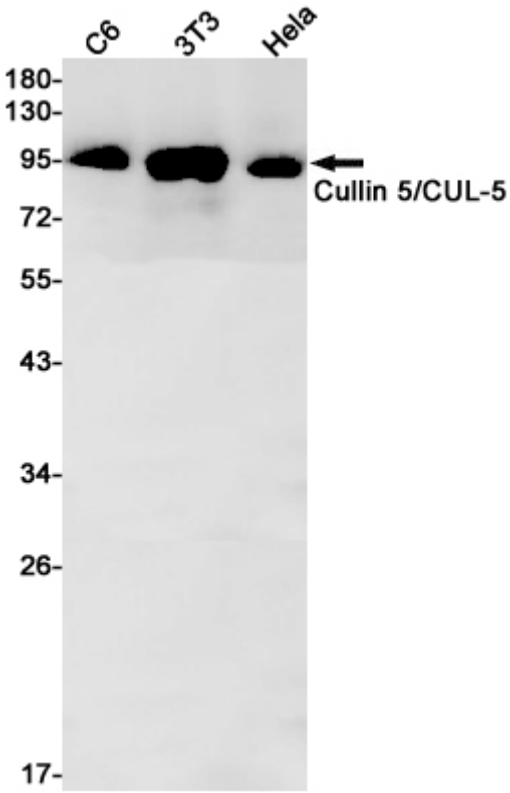
Cullin 5 Rabbit mAb

Catalog No	BYab-32965
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	CUL5
Alternative Names	CUL-5; VACM1; VACM-1
Research Field	Cell Biology
Product Categories	Primary antibody
Host	Rabbit
Molecular Weight	Calculated MW: 91 kDa; Observed MW: 91 kDa
Clonality	Monoclonal Antibody
Clonality No.	R02-5K8
Dilution	WB: 1/500-1/1000
Immunogen	Recombinant protein of human Cullin 5
Purification	Affinity Purified
Conjugation	Unconjugated
Modification	Unmodified
Form	Liquid
Buffer System	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Background	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 proteosomal degradation of p53/TP53 stimulated by adenovirus E1B-55 kDa protein. May form a cell surface vasopressin receptor.
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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