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KD-Validated Anti-CCDC93 Mouse Monoclonal Antibody

Mouse monoclonal antibody
Catalog # AGI2015

Product Information

Application	WB, FC
Primary Accession	Q567U6
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	24GB7985
Calculated MW	73198
Gene Name	CCDC93
Aliases	CCDC93; Coiled-Coil Domain Containing 93; Coiled-Coil Domain-Containing Protein 93; FLJ10996
Immunogen	Recombinant protein of human CCDC93

Additional Information

Gene ID	54520
Other Names	Coiled-coil domain-containing protein 93, CCDC93

Protein Information

Name	CCDC93
Function	Component of the commander complex that is essential for endosomal recycling of transmembrane cargos; the commander complex is composed of composed of the CCC subcomplex and the retriever subcomplex (PubMed:37172566, PubMed:38459129). Component of the CCC complex, which is involved in the regulation of endosomal recycling of surface proteins, including integrins, signaling receptor and channels (PubMed:37172566, PubMed:38459129). The CCC complex associates with SNX17, retriever and WASH complexes to prevent lysosomal degradation and promote cell surface recycling of numerous cargos such as integrins ITGA5:ITGB1 (PubMed:25355947, PubMed:28892079). Involved in copper- dependent ATP7A trafficking between the trans-Golgi network and vesicles in the cell periphery; the function is proposed to depend on its association within the CCC complex and cooperation with the WASH complex on early endosomes and is dependent on its interaction with WASHC2C (PubMed:25355947).
Cellular Location	Early endosome.

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