CCDC115 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CCDC115, Monoclonal Antibody
Full Product Name	CCDC115 (Coiled-coil Domain-containing Protein 115, FLJ30131, MGC12981, Ccp1) (MaxLight 550)
Product Gene Name	anti-CCDC115 antibody
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	4E9
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CCDC115.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior
Molecular Weight	20,385 Da
Immunogen	Full length recombinant corresponding to aa1-133 from human CCDC115 (AAH06429) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MGAKSVGPLQYASHMEPQVCLHASEAQEGLQKFKVVRAGVHAPEEVGPREAGLRRRKGPTKTPEPESSEAPQDPLNWFGILVPHSLRQAQASFRDGLC
Conjugate	MaxLight550
Product Categories/Family for anti-CCDC115 antibody	Antibodies; CCDC (Coiled-coil Domain-containing)
Applications Tested/Suitable for anti-CCDC115 antibody	FLISA, Immunohistochemistry (IHC) Paraffin, Western Blot (WB)
Application Notes for anti-CCDC115 antibody	IHC-P: 1.5ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-CCDC115 antibody	MBS6210604 is an antibody targeting CCDC115. Also known as CCDC115 (Coiled-coil Domain-containing Protein 115, FLJ30131, MGC12981, Ccp1)
Other Notes	Small volumes of anti-CCDC115 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nec centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCDC115. It may not necessarily be applicable to this product.

NCBI GI #	13623620
NCBI GeneID	84317
NCBI Accession #	BC006429
NCBI Related Accession #	AAH06429.1
UniProt Secondary Accession #	Q9BR88; B4DJ47
UniProt Related Accession #	Q96NT0
NCBI Official Full Name	Homo sapiens coiled-coil domain containing 115, mRNA
NCBI Official Synonym Full Names	coiled-coil domain containing 115
NCBI Official Symbol	CCDC115
NCBI Official Synonym Symbols	ccp1; CDG2O
Protein Family	Coiled-coil domain-containing protein
NCBI Protein Information	coiled-coil domain-containing protein 115
NCBI Summary for CCDC115	The protein encoded by this gene has been observed to localize to the endoplasmic reticulum (ER)-Golgi intermediate compartment (ERGIC) and coat protein complex I (COPI) vesicles in some human cells. The encoded protein shares some homology with the yeast V-ATPase assembly factor Vma22p, and the orthologous protein in mouse promotes cell proliferation and suppresses cell death. Defects in this gene are a cause of congenital disorder of glycosylation, type IIo in humans. [provided by RefSeq, Mar 2016]
Research Articles on CCDC115	**1.** Our study reveals CCDC115 deficiency as a disorder of Golgi homeostasis that can be readily identified via screening for abnormal glycosylation in plasma.
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