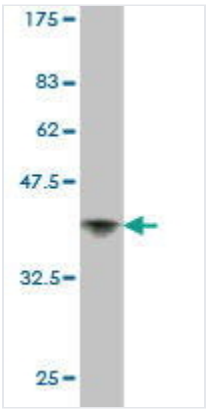
CUL2 Antibody – Mouse Monoclonal

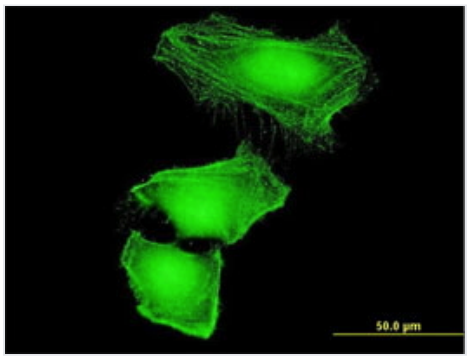
PRODUCT OVERVIEW

Product Name	CUL2, Monoclonal Antibody
Full Product Name	CUL2 (Cullin 2, Cullin-2, CUL-2, MGC131970) (FITC)
Product Gene Name	anti-CUL2 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4G11
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CUL2.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	89,492 Da
Immunogen	Partial recombinant corresponding to aa1-100 from CUL2 (AAH09591) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MSLKPRVVDFDETWNKLLTTIKAVVMLEYVERATWNDRFSDIYALCVAYPEPLGERLYTETKIFLENHVRHLHKRVLESEEQVLVMYHRYWEEYSKGADY
Conjugate	FITC
Product Categories/Family for anti-CUL2 antibody	Antibodies; Cullin
Applications Tested/Suitable for anti-CUL2 antibody	ELISA (EIA), Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-CUL2 antibody	IF: 10ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-CUL2 antibody	MBS6146716 is an antibody targeting CUL2. Also known as CUL2 (Cullin 2, Cullin-2, CUL-2, MGC131970) (FITC). Reactive in Human. Host: Mouse.

Other Notes	Small volumes of anti-CUL2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop 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.



Western Blot (WB) of anti-CUL2 antibody
Western Blot detection against Immunogen (37kD).



Immunofluorescence (IF) of anti-CUL2 antibody
Immunofluorescence of monoclonal antibody to CUL2 on HeLa cell. [antibody concentration 10ug/ml].

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CUL2. It may not necessarily be applicable to this product.

NCBI GI #	16307028
NCBI GeneID	8453
NCBI Accession #	BC009591
NCBI Related Accession #	AAH09591
UniProt Secondary Accession #	O00200; Q5T2B6; Q9UNF9; B3KT95; B7Z6K8; D3DRY6; G3V1S2
UniProt Related Accession #	Q13617
NCBI Official Full Name	Homo sapiens cullin 2, mRNA
NCBI Official Synonym Full Names	cullin 2
NCBI Official Symbol	CUL2
Protein Family	Cullin
NCBI Protein Information	cullin-2
Research Articles on CUL2	**1.** Cullins are a family of NEDD8 targets important in the stabilization and degradation of proteins, such as hypoxia-inducible factor (HIF1A), via Cullin-2.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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