

anti-Human CMG1/CCDC2/IFT74 Antibody | anti-IFT74 antibody

Goat anti-CMG1/CCDC2/IFT74 Antibody

CATALOG # AAA61807	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Immunofluorescence, ELISA
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PRODUCT SYNONYMS

CMG1/CCDC2/IFT74; Goat anti-CMG1/CCDC2/IFT74 Antibody; CMG1; CMG-1; CMG 1; CCDC2; Coiled-coil domain containing 2; Coiled-coil domain-containing protein 2; Capillary morphogenesis gene 1; Capillary morphogenesis protein 1; IFT74; intraflagellar transport 74 homolog; Intraflagellar transport protein 74 homolog; anti-IFT74 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	600
Applicable Applications for anti-IFT74 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA (Peptide ELISA)
Immunogen Sequence	Peptide with sequence CKTIVDALHSTSGN, from the C or N Terminus of the protein sequence according to NP_001092692.1; NP_001092693.1; NP_079379.2; AAK77221.1.
Peptide Sequence + C	CKTIVDALHSTSGN
Epitope	C or N Terminus
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



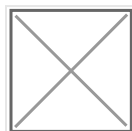
IHC (Immunohistochemistry)

5ug/ml staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data is from a previous batch, not on sale.



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of paraformaldehyde fixed U251 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (0.4ug/ml) showing weak staining. IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic and Golgi apparatus staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).

NCBI AND UNIPROT INFORMATION

NCBI GI #	151105223
NCBI GeneID	80173
NCBI Accession #	NP_001092692.1; NP_001092693.1; NP_079379.2; AAK77221.1
NCBI GenBank Nucleotide #	NM_001099222.2
UniProt Accession #	Q96LB3; Q3B789; Q5VY34; Q6PGQ8; Q9H643; Q9H8G7
Molecular Weight	42,332 Da
NCBI Official Full Name	intraflagellar transport protein 74 homolog isoform a
NCBI Official Synonym Full Names	intraflagellar transport 74
NCBI Official Symbol	IFT74
NCBI Official Synonym Symbols	CMG1; BBS20; CCDC2; CMG-1
NCBI Protein Information	intraflagellar transport protein 74 homolog
UniProt Protein Name	Intraflagellar transport protein 74 homolog
UniProt Gene Name	IFT74
UniProt Synonym Gene Names	CCDC2; CMG1; CMG-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-antibody/cmg1-ccdc2-ift74/61807>