

Datasheet for ABIN6391342

**anti-IFT74 antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	IFT74
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IFT74 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Purpose:	CMG1 / CCDC2 / IFT74
Sequence:	CKTIVDALHS TSGN
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	IFT74
Alternative Name:	IFT74 ( <a href="#">IFT74 Products</a> )

## Target Details

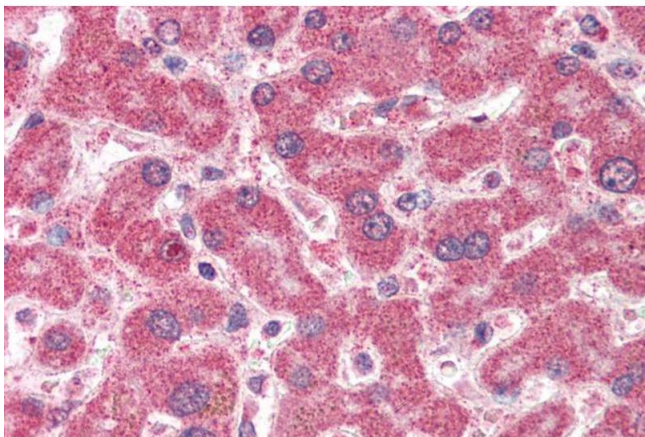
Background:	CMG1, CMG-1, CMG 1, CCDC2, Coiled-coil domain containing 2, Coiled-coil domain-containing protein 2, Capillary morphogenesis gene 1, Capillary morphogenesis protein 1, IFT74, intraflagellar transport 74 homolog, Intraflagellar transport protein 74 homolog
Gene ID:	80173
NCBI Accession:	<a href="#">NP_001092692</a> , <a href="#">NP_001092693</a> , <a href="#">NP_079379</a>
Pathways:	<a href="#">Hedgehog Signaling</a> , <a href="#">Chromatin Binding</a>

## Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	<b>Immunofluorescence:</b> Strong expression of the protein seen in the cytoplasm and Golgi apparatus of U251 cells. Recommended concentration: 10µg/ml. <b>Flow Cytometry:</b> Flow cytometric analysis of U251 cells. Recommended conc
Restrictions:	For Research Use only

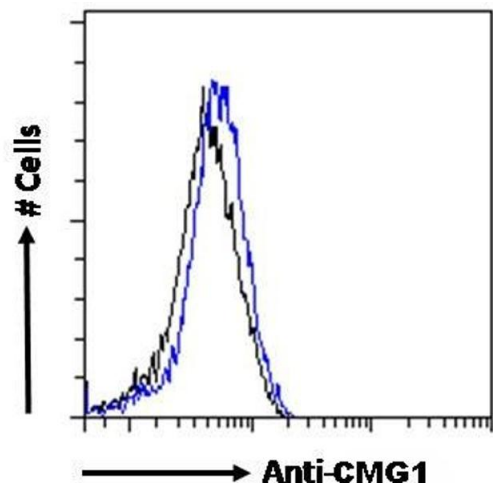
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



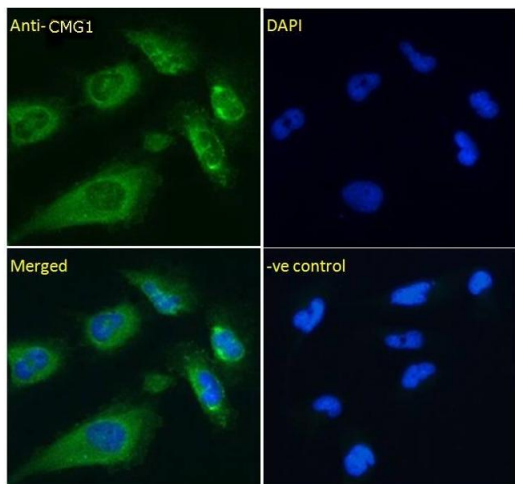
Immunohistochemistry

**Image 1.** ABIN6391342 (5µg/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.



Flow Cytometry

**Image 2.** ABIN6391342 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.



Immunofluorescence

**Image 3.** ABIN6391342 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 (2ug/ml).