

Anti-IFT74 antibody

Cat. No.	ml261571
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-IFT74 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human IFT74
Reactivity	Human
Content	1.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	IFT74
Full name	intraflagellar transport 74 homolog (Chlamydomonas)
Synonyms	CMG1; CCDC2; CMG-1
Swissprot	Q96LB3

Target Background

Capillary morphogenesis protein 1 (CMG1), also known as intraflagellar transport protein 74 (ITP74) or coiled-coil domain-containing protein 2 (CCDC2), is a 600 amino acid human homologue of IFT-71, a complex B protein supporting intraflagellar transport (IFT) in *Chlamydomonas*. CMG1 localizes to the cytoplasmic vesicle and is highly expressed in adult and fetal kidney and testis, with lower levels of expression in adult heart, placenta, lung, liver and pancreas, and in fetal heart, lung and liver. CMG1 has been suggested to have a role in the primary cilia of HUVEC, and it also functions as a transcriptional regulator of cyclin D2 in spermatocyte-derived cells.

订购热线: 4008-898-798

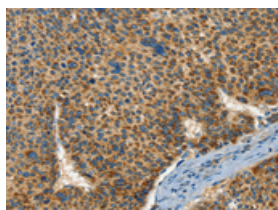
Applications

Immunohistochemistry

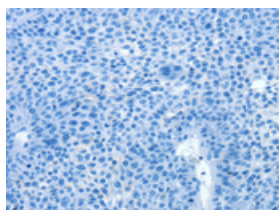
Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-200



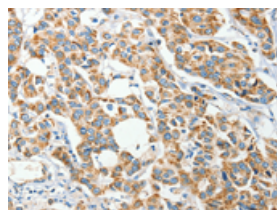
The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml261571(IFT74 Antibody) at dilution 1/60, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



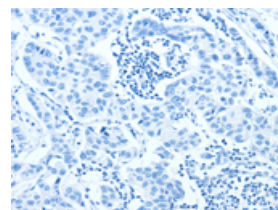
Predicted cell location: Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml261571(IFT74 Antibody) at dilution 1/60, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



ELISA

Recommended dilution: 1000-5000

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