

## FAT Antibody FITC Conjugated

Catalog No: #C05266F

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## Description

Product Name	FAT Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human FAT CDHF7
Conjugates	FITC
Target Name	FAT
Other Names	Cadherin family member 7; cadherin family member 7 precursor; cadherin ME5; Cadherin related tumor suppressor; Cadherin related tumor suppressor homolog; cadherin related tumor suppressor homolog precursor; Cadherin related tumor suppressor homolog precursor FAT protein homolog; CDHF 7; CDHF7; FAT 1
Accession No.	NCBI Gene ID2195
Uniprot	Q14517
GeneID	2195;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IF=1:50-200

## Background

This gene is an ortholog of the *Drosophila fat* gene, which encodes a tumor suppressor essential for controlling cell proliferation during *Drosophila* development. The gene product is a member of the cadherin superfamily, a group of integral membrane proteins characterized by the presence of cadherin-type repeats. In addition to containing 34 tandem cadherin-type repeats, the gene product has five epidermal growth factor (EGF)-like repeats and one laminin A-G domain. This gene is expressed at high levels in a number of fetal epithelia. Its product probably functions as an adhesion molecule and or signaling receptor, and is likely to be important in developmental processes and cell communication. Transcript variants derived from alternative splicing and or alternative promoter usage exist, but they have not been fully described. [provided by RefSeq].

Note: This product is for in vitro research use only