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Datasheet for ABIN1407046

**anti-FAT3 antibody (AA 601-800) (Cy5)**

## Overview

Quantity:	100 µL
Target:	FAT3
Binding Specificity:	AA 601-800
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAT3 antibody is conjugated to Cy5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CDHF15/FAT3
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	FAT3
Alternative Name:	CDHF15/FAT3 ( <a href="#">FAT3 Products</a> )
Background:	Synonyms: Cadherin family member 15, CDHF15, CDHR10, FAT tumor suppressor homolog 3,

## Target Details

Fat3, FAT3\_HUMAN, hFat3, Protocadherin Fat 3.

Background: The cadherins represent a family of Ca<sup>2+</sup>-dependent adhesion molecules that function to mediate cell to cell binding that is critical for the maintenance of structure and morphogenesis. Cadherins each contain a large extracellular domain at the N-terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. The relatively short C-terminal intracellular domain interacts with a variety of cytoplasmic proteins, including  $\beta$ -catenin, to regulate cadherin function. The cadherin superfamily includes cadherins, protocadherins, desmogleins and desmocollins. FAT3 (FAT tumor suppressor homolog 3, also known as CDHF15 or CDHR10, is a 4,589 amino acid single-pass type I membrane protein expressed in ES cells, primitive neuroectoderm, fetal brain, infant brain, adult neural tissues and prostate. Containing thirty-three cadherin domains, four EGF-like domains and one laminin G-like domain, FAT3 may participate in the interactions between neurites derived from specific subsets of neurons during development.

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1  $\mu$ g/ $\mu$ L

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months