

Datasheet for ABIN7165566
anti-FAM83D antibody (AA 339-470)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	FAM83D
Binding Specificity:	AA 339-470
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM83D antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Protein FAM83D protein (339-470AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	FAM83D
Alternative Name:	FAM83D (FAM83D Products)
Background:	Background: Probable proto-oncogene that regulates cell proliferation, growth, migration and epithelial to mesenchymal transition. Through the degradation of FBXW7, may act indirectly on

Target Details

the expression and downstream signaling of MTOR, JUN and MYC (PubMed:24344117). May play also a role in cell proliferation through activation of the ERK1/ERK2 signaling cascade (PubMed:25646692). May also be important for proper chromosome congression and alignment during mitosis through its interaction with KIF22.

Aliases: 2310007D09Rik antibody, BB104611 antibody, C20orf129 antibody, CHICA antibody, dJ616B8.3 antibody, FA83D antibody, FA83D_HUMAN antibody, FAM83D antibody, Family with sequence similarity 83, member D antibody, FLJ38341 antibody, MGC92947 antibody, Protein FAM83D antibody, RGD1565583 antibody, RP23-119H5.1 antibody, Spindle protein CHICA antibody

UniProt: [Q9H4H8](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

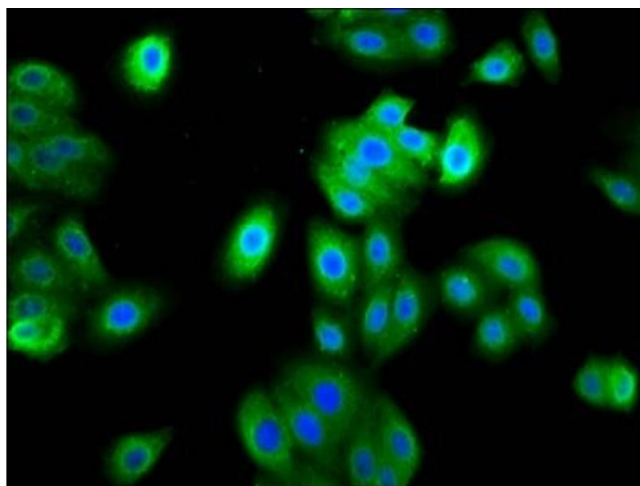
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

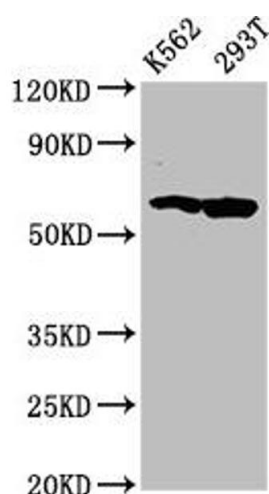
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7165566 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: K562 whole cell lysate, 293T whole cell lysate. All lanes: FAM83D antibody at 4.4 µg/mL. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 65, 63 kDa. Observed band size: 65 kDa.