

Anti-FHIT Antibody (5C583)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	5C583
Purification:	Protein A

Applications

1. Immunofluorescence staining of Human FHIT in Hela cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human FHIT monoclonal antibody (1:50) at 4°C overnight. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (green).
2. Anti-FHIT rabbit monoclonal antibody at 1:100 dilution.

Verified Activity:	-Lane A: HL-60 Whole Cell lysate. -Lysates/proteins at 30 µg per lane. -Secondary -Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. -Developed using the Odyssey technique. -Performed under reducing conditions. -Predicted band size:17 kDa. -Observed band size:20 kDa
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Application: ELISA,ICC/IF,WB

Recommended WB: 1:500-1:2000; ELISA: 1:5000-1:10000; ICC-IF: 1:20-1:100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human Fragile histidine triad / FHIT Protein (TMPY-03398)
Antigen Species:	Human
Synonyms:	fragile histidine triad;FRA3B;AP3Aase
Biology Area:	Tumor Suppressors

Research Background

Fragile histidine triad, also known as FHIT, may play a key role in differentiating humans from apes. Fragile histidine triad gene belongs to the histidine triad gene family. It has been shown that fragile histidine triad synergizes with VHL, another tumor suppressor, in protecting against chemically - induced lung cancer. Fragile histidine triad gene works as a tumor suppressor as it has been demonstrated in animal studies. The exact molecular function of FHIT is still partially unclear. It also acts as a tumor suppressor of HER2/neu driven breast cancer.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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