

Recombinant Fragile histidine triad/FHIT Monoclonal Antibody

catalog number: **AN300276P**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

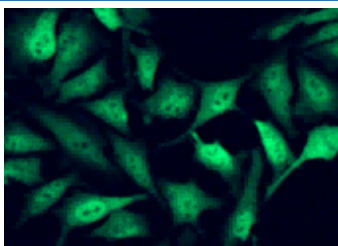
Description

Reactivity	Human
Immunogen	Recombinant Human Fragile histidine triad / FHIT Protein
Host	Rabbit
Isotype	IgG
Clone	14B3
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS with 10% Trehalose, pH7.0

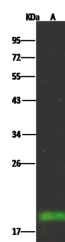
Applications

Applications	Recommended Dilution
WB	1:500-1:2000
ICC/IF	1:20-1:100

Data



Immunofluorescence analysis 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).



Western Blot with Fragile histidine triad / FHIT Monoclonal Antibody at dilution of 1:100. Lane A: HL-60 Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:20 kDa

Calculated-MW:17 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

This gene, a member of the histidine triad gene family, encodes a diadenosine 5',5'''-P1,P3-triphosphate hydrolase involved in purine metabolism. The gene encompasses the common fragile site FRA3B on chromosome 0, where carcinogen-induced damage can lead to translocations and aberrant transcripts of this gene. In fact, aberrant transcripts from this gene have been found in about half of all esophageal, stomach, and colon carcinomas. Alternatively spliced transcript variants have been found for this gene.

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