BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-FHIT Antibody

Catalog Number: A01200

About FHIT

FHIT is member of the histidine triad gene family and is a diadenosine involved in purine metabolism (1). FHIT is also thought to be a tumor suppressor gene and is involved in multiple apoptotic pathways (1,2). The FHIT gene encompasses the common fragile site FRA3B on chromosome 3, where carcinogen-induced damage can lead to translocations and aberrant transcripts of this gene (3). Aberrant transcripts from this gene have been found in multiple carcinomas (4).

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Overview

Product Name	Anti-FHIT Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-FHIT Antibody (Catalog # A01200). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	FHIT Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	FHIT antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	P49789

Technical Details

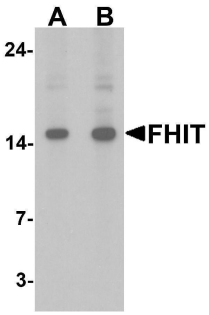
Immunogen	FHIT antibody was raised against an 18 amino acid peptide near the carboxy terminus of human FHIT. The immunogen is located within the last 50 amino acids of FHIT .
Predicted Reactive Species	Bovine, Rat
Cross Reactivity	FHIT antibody is human and mouse reactive.
Isotype	IgG

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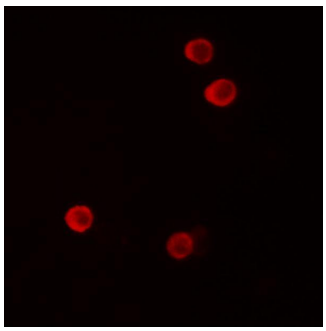
Form	Liquid
Concentration	1 mg/mL
Purification	FHIT Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	FHIT antibody can be used for detection of FHIT by Western blot at 1 - 2 ug/ml. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-FHIT Antibody (A01200) Images



Western blot analysis of FHIT in HeLa cell lysate with FHIT antibody at (A) 1 and (B) 2 ug/ml.



Immunofluorescence of FHIT in HeLa cells with FHIT antibody at 5 ug/mL.

Anti-FHIT Antibody

For Research Use Only. Not for use in diagnostic procedures.