



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## FHIT monoclonal antibody (M05), clone 2G3

Catalog # : H00002272-M05

規格 : [ 100 ug ]

List All

### Specification

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant FHIT.

**Immunogen:** FHIT (AAH32336, 31 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

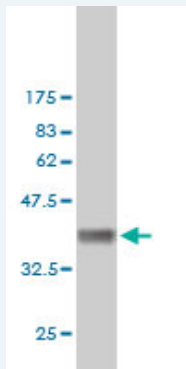
**Sequence:** VVPGHMLVCPLRPVERFHDLRPDEVADLFQTTQRVGTWVEKHFHGTSL  
TFSMQDGPPEAGQTVKHVHVHVLPRKAGDFHRNDSIYEELQKHKEDFPA  
SWR

**Host:** Mouse

**Reactivity:** Human

**Isotype:** IgG1 Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.63 KDa) .

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Applications

#### Western Blot (Recombinant protein)

[Protocol Download](#)

#### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FHIT is approximately 30ng/ml as a capture antibody.

[Protocol Download](#)

#### ELISA

## Gene Information

Entrez GeneID: [2272](#)

GeneBank [BC032336](#)  
Accession#:

Protein [AAH32336](#)  
Accession#:

Gene Name: FHIT

Gene Alias: AP3Aase,FRA3B

Gene Description: fragile histidine triad gene

Omim ID: [601153](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** 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 3, 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. [provided by RefSeq]

**Other Designations:** AP3A hydrolase,bis(5'-adenosyl)-triphosphatase,diadenosine 5',5'''-P1,P3-triphosphate hydrolase,dinucleosidetriphosphatase,tumor suppressor protein

## Gene Pathway

[Non-small cell lung cancer](#) [Purine metabolism](#) [Small cell lung cancer](#)

## Related Disease

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