

Fragilis Rabbit mAb

Catalog NO.: A29355 **Recombinant**

Basic Information

Observed MW

13-15 kDa

Calculated MW

15 kDa

Category

Monoclonal Antibodies

Applications

WB, IP, IHC-P, ELISA

Cross-Reactivity

Human

Conjugation

Unconjugated

Clone number

ARC4114

Background

Interferon-induced transmembrane (IFITM) proteins are a family of interferon induced antiviral proteins. The family contains five members, including IFITM1, IFITM2 and IFITM3 and belong to the CD225 superfamily. The protein encoded by this gene restricts cellular entry by diverse viral pathogens, such as influenza A virus, Ebola virus and Sars-CoV-2.

Recommended Dilutions

WB 1:5000 - 1:25000

IP

0.5 µg - 4 µg antibody for 200 µg - 400 µg extracts of whole cells

IHC-P 1:300 - 1:1500

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions ($\geq 1:10000$), a sequential dilution method is strongly recommended to ensure measurement accuracy.

Contact

Immunogen Information

Gene ID

10410

Swiss Prot

Q01628

Immunogen

This information is considered to be commercially sensitive.

Synonyms

1-8U; IP15; DSPA2b

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

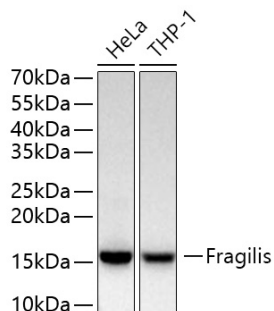
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using Fragilis Rabbit mAb (A29355) at 1:12000 dilution incubated overnight at 4°C.

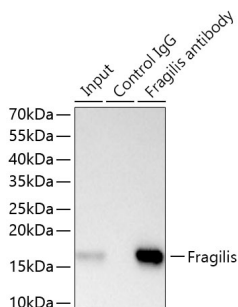
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

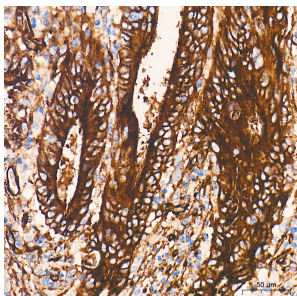
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

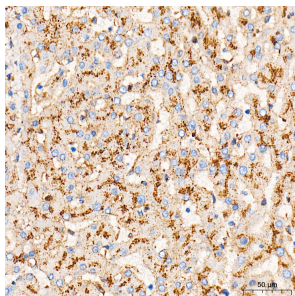
Exposure time: 1 s.



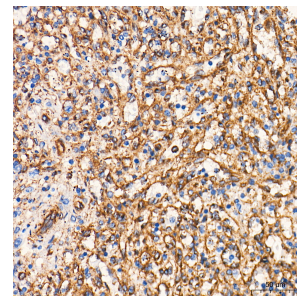
Immunoprecipitation of Fragilis from 300 µg extracts of HeLa cells was performed using 0.5 µg of Fragilis Rabbit mAb (A29355). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Fragilis Rabbit mAb (A29355) at a dilution of 1:5000.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using Fragilis Rabbit mAb (A29355) at a dilution of 1:600



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using Fragilis Rabbit mAb (A29355) at a dilution of 1:600 (40x lens). High



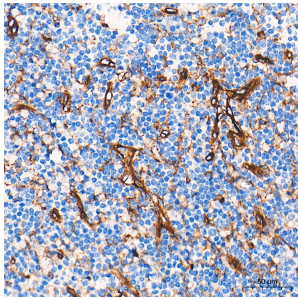
Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using Fragilis Rabbit mAb (A29355) at a dilution of 1:600 (40x lens). High

(40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Fragilis Rabbit mAb (A29355) at a dilution of 1:600 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

