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## Fragilis Rabbit pAb

Catalog Number: bs-12265R

Target Protein: Fragilis

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: Flow-Cyt (1µg/Test)

Reactivity: Human (predicted:Mouse, Rat, Cow, Horse)

Predicted MW: 15 kDa

Entrez Gene: 10410

Swiss Prot: Q01628

Source: KLH conjugated synthetic peptide derived from human Fragilis/IP15: 41-100/133.

Purification: affinity purified by Protein A

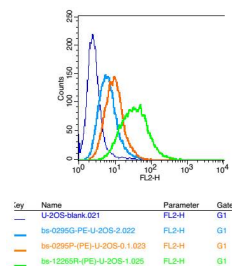
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** IFITM3 is a multi-pass membrane protein that belongs to the IFITM (interferon inducible transmembrane) family of proteins. IFITM proteins are induced by type I and type II interferons and contain multiple interferon (IFN)-stimulated response elements (ISREs) in their promoter regions. IFITM proteins play important roles in many cellular processes and their expression requires the presence of the chromatin remodeling SWI/SNF-like BAF complexes. Cellular processes involving IFITM proteins include cellular anti-proliferative activities and homotypic cell adhesion functions of interferons. In addition, IFITM genes are often upregulated in various cancer cells, suggesting a possible role in carcinogenesis. Localizing to the membrane, IFITM3 is a 133 amino acid protein that is induced by IFN- $\gamma$  and IFN- $\beta$ . IFITM3 expression can be regulated by TEF-1, Brg-1 and Sp1.

### VALIDATION IMAGES

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Blank control: U-2OS(blue) Isotype Control Antibody: Rabbit IgG(orange) ; Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:100 in 1 X PBS containing 0.5% BSA ; Primary Antibody Dilution: 1µl in 100 µL1X PBS containing 0.5% BSA(green).

## PRODUCT SPECIFIC PUBLICATIONS

**[IF=5.162]** Haipeng Wang. et al. Molecular characterization, expression and functional analysis of yak IFITM3 gene. Int J Biol Macromol. 2021 Aug;184:349 WB,IHC ; Bak . 34119542