

**bs-12265R****[ Primary Antibody ]****Fragilis Rabbit pAb****BioSS**  
ANTIBODIES

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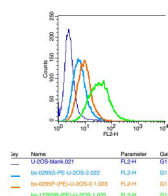
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**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 10410 <b>Target:</b> Fragilis <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Fragilis/IP15: 41-100/133. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 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. <b>Background:</b> 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.	<b>Isotype:</b> IgG <b>SWISS:</b> Q01628 <b>Applications:</b> Flow-Cyt (1 $\mu$ g/Test) <b>Reactivity:</b> Human (predicted: Mouse, Rat, Cow, Horse) <b>Predicted MW.:</b> 15 kDa <b>Subcellular Location:</b> Cell membrane ,Cytoplasm
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**— VALIDATION IMAGES —**

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: 1 $\mu$ l in 100  $\mu$ L 1X PBS  
 containing 0.5% BSA(green).

**— SELECTED CITATIONS —**

- **[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