

Anti-IFITM1 Antibody Picoband® Biotin Conjugated

Catalog Number: A02633-1-Biotin

About IFITM1

Interferon-induced Transmembrane Protein 1 (IFITM1), also called Interferon-induced Protein 17 (IFI17). IFITM1 activity is required for primordial germ cells (PGCs) transit from the mesoderm into the endoderm, and that it appears to act via a repulsive mechanism, such that PGCs avoid Ifitm1-expressing tissues. It is mapped to Chr.11 and belongs to the family of interferon-induced transmembrane proteins (Ifitm/mil/fragilis), which encodes cell surface proteins that may modulate cell adhesion and influence cell differentiation. Interferon-inducible membrane proteins of approximately 17 kDa have been suggested to play a role in the antiproliferative activity of interferons based on their pattern of induction in interferon-sensitive and -resistant cell lines and the ability of a membrane fraction enriched in 17-kDa proteins to inhibit cell growth.

Overview

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| Product Name | Anti-IFITM1 Antibody Picoband® Biotin Conjugated |
| Reactive Species | Human |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | P13164 |

Technical Details

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| Immunogen | A synthetic peptide corresponding to a sequence at the C-terminus of human IFITM1. |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Biotin |
| Suggested Dilutions | The intended application should be selected according to the customer's experimental requirements. |

2 Publications Citing This Product

1. PubMed ID: 10.1158/1078-0432.CCR-07-4761, IFN-Induced Transmembrane Protein 1 Promotes Invasion at Early Stage of Head and Neck Cancer Progression

2. PubMed ID: 10.1038/sj.onc.1209807, IFITM1 plays an essential role in the antiproliferative action of interferon- gamma

Visit bosterbio.com/anti-ifitm1-picoband-trade-antibody-a02633-1-boster.html to see all 2 publications.

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