

Anti-IFITM1 antibody ab117519

[2 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-IFITM1 antibody |
| Description | Rabbit polyclonal to IFITM1 |
| Host species | Rabbit |
| Tested applications | Suitable for: IHC-P |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide conjugated to KLH, corresponding to C terminal amino acids of Human IFITM1 (NP_003632.3). |
| Positive control | Human thymus and tonsil tissues. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| Storage buffer | <p>pH: 7.4</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: 99% PBS</p> |
| Purity | Protein A purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab117519 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|----------------------------------|
| IHC-P | | Use a concentration of 10 µg/ml. |

Target

Function

IFN-induced antiviral protein that mediate cellular innate immunity to at least three major human pathogens, namely influenza A H1N1 virus, West Nile virus, and dengue virus by inhibiting the early step(s) of replication. Plays a key role in the antiproliferative action of IFN-gamma either by inhibiting the ERK activation or by arresting cell growth in G1 phase in a p53-dependent manner. Implicated in the control of cell growth. Component of a multimeric complex involved in the transduction of antiproliferative and homotypic adhesion signals.

Sequence similarities

Belongs to the CD225 family.

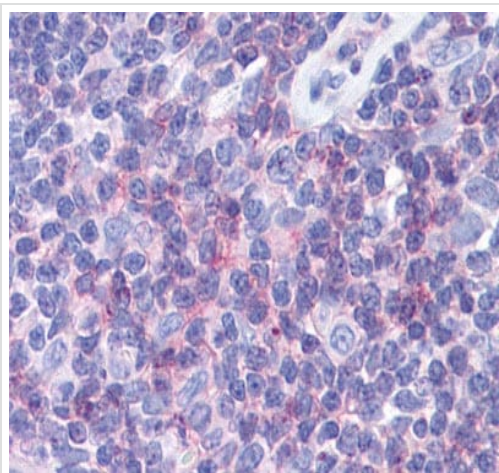
Post-translational modifications

Palmitoylation on membrane-proximal cysteines controls clustering in membrane compartments and antiviral activity against influenza virus.

Cellular localization

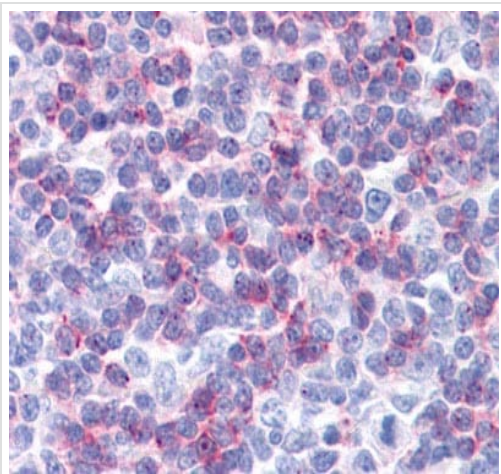
Cell membrane.

Images



ab117519, at 10 µg/ml, staining IFITM1 in Formalin-fixed, Paraffin-embedded Human thymus tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IFITM1 antibody (ab117519)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IFITM1 antibody (ab117519)

ab117519, at 10 µg/ml, staining IFITM1 in in Formalin-fixed, Paraffin-embedded Human tonsil tissue by Immunohistochemistry.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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