



Datasheet for ABIN7074334

anti-IFIT5 antibody



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3 Images

Overview

Quantity:	100 µL
Target:	IFIT5
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFIT5 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein corresponding to Human IFIT5
Cross-Reactivity:	Mouse
Purification:	Affinity purification

Target Details

Target:	IFIT5
Alternative Name:	IFIT5 (IFIT5 Products)
Background:	Interferon-induced RNA-binding protein that specifically binds single-stranded RNA bearing a 5'-triphosphate group (PPP-RNA), thereby acting as a sensor of viral single-stranded RNAs. Single-stranded PPP-RNAs, which lack 2'-O-methylation of the 5' cap and bear a 5'-triphosphate group instead, are specific from viruses, providing a molecular signature to distinguish between self and non-self mRNAs by the host during viral infection. Directly binds PPP-RNA in a non-

Target Details

sequence-specific manner. Also recognizes and binds tRNAs.

Gene ID: 24138

NCBI Accession: [NP_036552](#)

UniProt: [Q13325](#)

Application Details

Application Notes: IHC/IF (H,M) 1:300-1:1800

Restrictions: For Research Use only

Handling

Format: Liquid

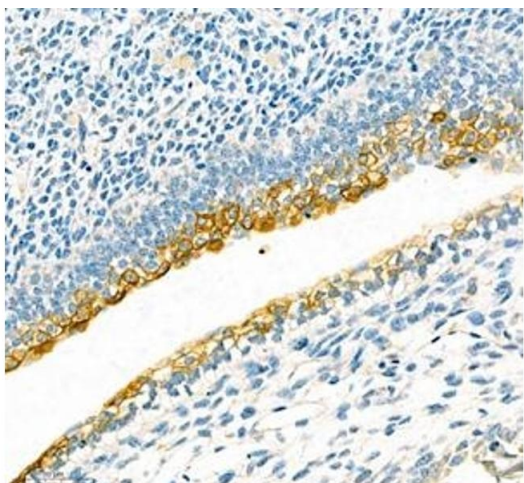
Buffer: PBS, pH 7.4, 0.02 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

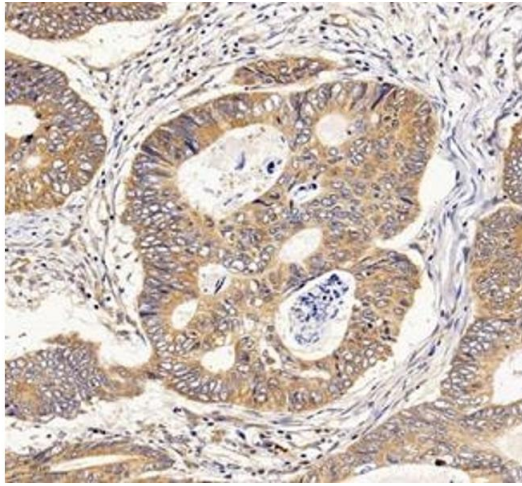
Storage: -20 °C

Images



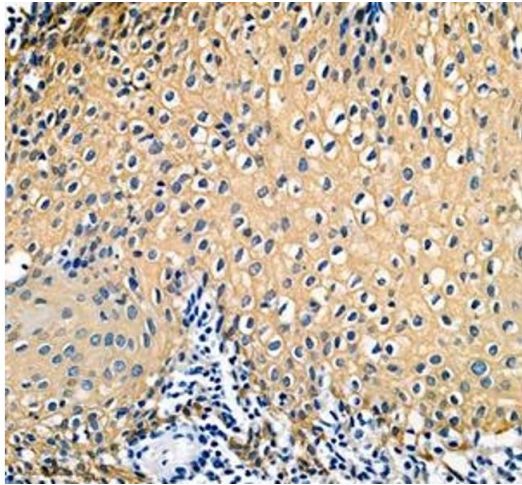
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin embedded mouse embryonic mouse using IFIT5 (ABIN7074334) at dilution of 1:300 (300x lens)



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin embedded human colon cancer using IFIT5 (ABIN7074334) at dilution of 1:500 (200x lens)



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin embedded human tonsil using IFIT5 (ABIN7074334) at dilution of 1:500 (300x lens)