

Anti-IFIT1 antibody [OTI3G8] ab118062

[2 References](#) [8 Images](#)

Overview

Product name	Anti-IFIT1 antibody [OTI3G8]
Description	Mouse monoclonal [OTI3G8] to IFIT1
Host species	Mouse
Tested applications	Suitable for: Flow Cyt (Intra), WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human, African green monkey
Immunogen	Recombinant full length protein corresponding to Human IFIT1. Recombinant full length Human IFIT1 produced in HEK293T cells (NP_000899). Database link: P09914
Positive control	WB: HEK293T cell lysate transfected with pCMV6-ENTRY IFIT1 cDNA. IHC-P: Human liver carcinoma, Human ovary adenocarcinoma, kidney and liver tissues. ICC/IF: HT29 cells and COS7 cells transiently transfected by pCMV6-ENTRY IFIT1 cDNA. Flow Cyt (Intra): HEK293T cells transfected with pCMV6-ENTRY IFIT1 overexpress plasmid
General notes	<p>The clone number has been updated from 3G8 to OTI3G8, both clone numbers name the same clone.</p> <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). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. The product can be stored for up to 12 months.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol, 48% PBS, 1% BSA
Purity	IgG fraction

Purification notes	ab118062 is purified from TCS by affinity chromatography.
Clonality	Monoclonal
Clone number	OTI3G8
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab118062 in the following tested applications.

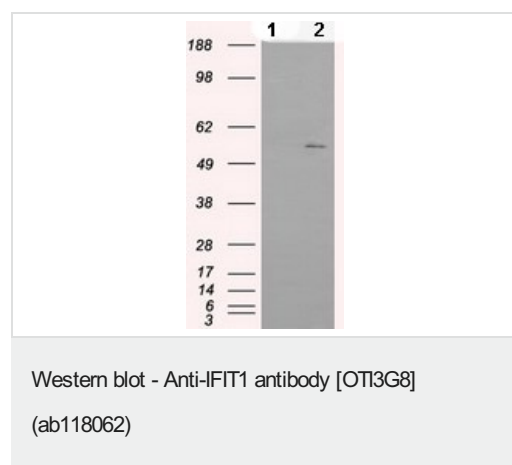
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		1/100. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB		1/500 - 1/1000. Predicted molecular weight: 55 kDa.
IHC-P		1/50.
ICC/IF		1/50 - 1/100.

Target

Sequence similarities Belongs to the IFIT family.
Contains 10 TPR repeats.

Images



All lanes : Anti-IFIT1 antibody [OTI3G8] (ab118062) at 1/500 dilution

Lane 1 : HEK293T cell lysate, transfected with pCMV6-ENTRY control cDNA

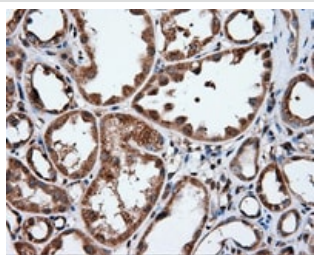
Lane 2 : HEK293T cell lysate, transfected with pCMV6-ENTRY IFIT1 cDNA

Lysates/proteins at 5 µg per lane.

Predicted band size: 55 kDa

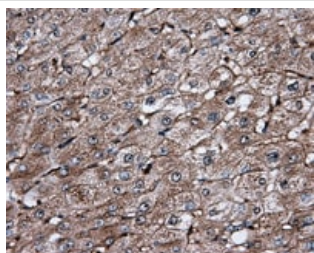
HEK293T cell lysates were generated from transient transfection of

the cDNA clone (RC203320)



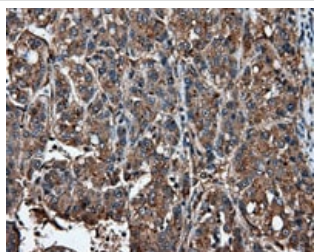
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IFIT1 antibody [OTI3G8] (ab118062)

ab118062 at 1/50 dilution staining IFIT1 in Paraffin-embedded Human Kidney tissue by Immunohistochemistry.



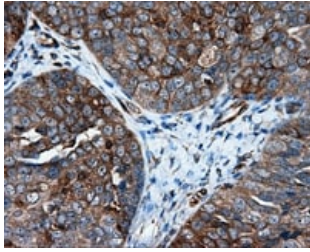
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IFIT1 antibody [OTI3G8] (ab118062)

ab118062 at 1/50 dilution staining IFIT1 in Paraffin-embedded Human Liver tissue by Immunohistochemistry.



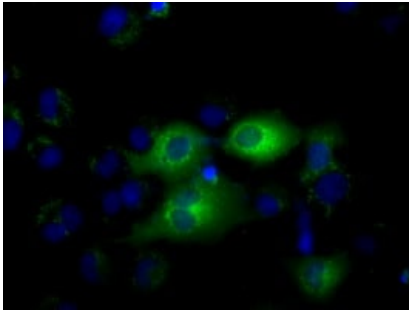
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IFIT1 antibody [OTI3G8] (ab118062)

ab118062 at 1/50 dilution staining IFIT1 in Paraffin-embedded Human Liver carcinoma tissue by Immunohistochemistry.



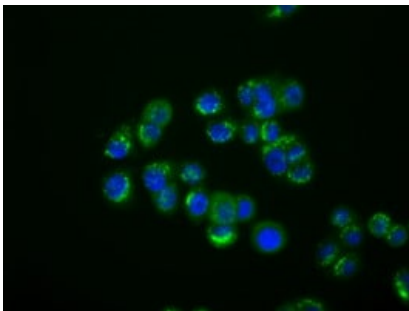
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IFIT1 antibody [OTI3G8] (ab118062)

ab118062 at 1/50 dilution staining IFIT1 in Paraffin-embedded Human Ovary adenocarcinoma tissue by Immunohistochemistry.



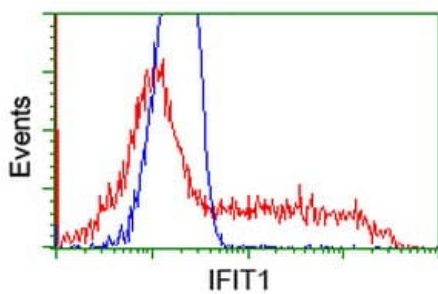
Immunocytochemistry/ Immunofluorescence - Anti-IFIT1 antibody [OTI3G8] (ab118062)

ab118062 at 1/50 dilution staining IFIT1 in COS7 cells transiently transfected by pCMV6-ENTRY IFIT1 by Immunofluorescence.



Immunocytochemistry/ Immunofluorescence - Anti-IFIT1 antibody [OTI3G8] (ab118062)

ab118062 at 1/50 dilution staining IFIT1 in HT29 cells by Immunofluorescence.



Flow Cytometry (Intracellular) - Anti-IFIT1 antibody [OTI3G8] (ab118062)

ab118062 at 1/100 dilution staining IFIT1 in HEK293T cells transfected with either pCMV6-ENTRY IFIT1 overexpress plasmid(Red) or empty vector control plasmid(Blue) by Flow Cytometry (Intracellular).

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