



## Product datasheet

# Anti-IL36 gamma/IL-1F9 antibody [OTI2F4] $\alpha$ b156783

[14 References](#)   [4 Images](#)

### Overview

<b>Product name</b>	Anti-IL36 gamma/IL-1F9 antibody [OTI2F4]
<b>Description</b>	Mouse monoclonal [OTI2F4] to IL36 gamma/IL-1F9
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length protein corresponding to Human IL36 gamma/IL-1F9 aa 1-200. Database link: <a href="#">Q9NZH8</a>
	 <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	HEK293T cells transfected with pCMV6-ENTRY IL-36 gamma/IL-1F9 cDNA; Human colon adenocarcinoma and pancreas tissues; HeLa cells
<b>General notes</b>	<p>Dilute in PBS (pH7.3) before use.</p> <p>The clone number has been updated from 2F4 to OTI2F4, both clone numbers name the same clone.</p> <p>This product was changed from ascites to tissue culture supernatant on 29<sup>th</sup> May 2018. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</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&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	<p>pH: 7.30</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 48% PBS, 1% BSA, 50% Glycerol</p>

<b>Purity</b>	Protein G purified
<b>Purification notes</b>	ab156783 is purified from TCS by affinity chromatography
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	OT12F4
<b>Isotype</b>	IgG1

## Applications

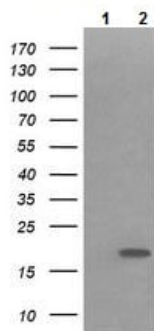
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab156783 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>WB</b>		1/4000. Predicted molecular weight: 19 kDa.
<b>IHC-P</b>		1/150. Perform heat-induced epitope retrieval with 10mM citric buffer, pH 6.0 at 120°C for 3 minutes.
<b>ICC/IF</b>		1/100.

## Target

<b>Function</b>	Function as an agonist of NF-kappa B activation through the orphan IL-1-receptor-related protein 2. Could constitute part of an independent signaling system analogous to interleukin-1 alpha (IL-1A), beta (IL-1B) receptor agonist and interleukin-1 receptor type I (IL-1R1), that is present in epithelial barriers and takes part in local inflammatory response.
<b>Tissue specificity</b>	Highly expressed in tissues containing epithelial cells: skin, lung, stomach and esophagus. In skin is expressed only in keratinocytes but not in fibroblasts, endothelial cells or melanocytes. Up-regulated in lesional psoriasis skin.
<b>Sequence similarities</b>	Belongs to the IL-1 family.
<b>Cellular localization</b>	Secreted.

## Images



Western blot - Anti-IL36 gamma/IL-1F9 antibody [OTI2F4] (ab156783)

**All lanes :** Anti-IL36 gamma/IL-1F9 antibody [OTI2F4] (ab156783) at 1/4000 dilution

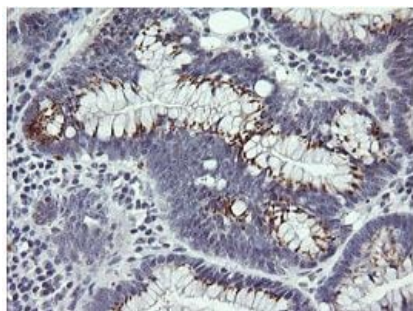
**Lane 1 :** HEK293T cells transfected with pCMV6-ENTRY control

**Lane 2 :** HEK293T cells transfected with pCMV6-ENTRY IL36 gamma/IL-1F9 cDNA

Lysates/proteins at 5 µg per lane.

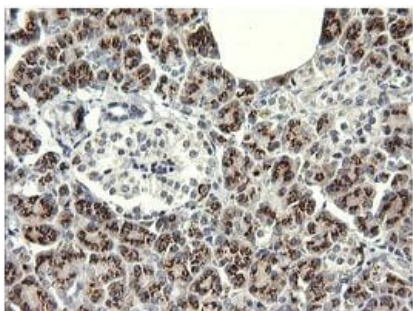
**Predicted band size:** 19 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC213525)



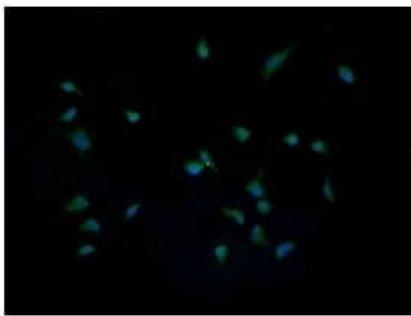
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL36 gamma/IL-1F9 antibody [OTI2F4] (ab156783)

Immunohistochemical analysis of paraffin-embedded Human colon adenocarcinoma tissue labeling IL36 gamma/IL-1F9 with ab156783 at 1/150 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL36 gamma/IL-1F9 antibody [OTI2F4] (ab156783)

Immunohistochemical analysis of paraffin-embedded Human pancreas tissue labeling IL36 gamma/IL-1F9 with ab156783 at 1/150 dilution



Immunofluorescent analysis of HeLa cells labeling IL36 gamma/IL-1F9 using ab156783 at 1/100 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-IL36 gamma/IL-1F9 antibody [OT12F4] (ab156783)

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

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