

For Research Use Only

# FAS/CD95 Monoclonal antibody

Catalog Number: 60196-1-Ig

Featured Product

12 Publications



## Basic Information

<b>Catalog Number:</b> 60196-1-Ig	<b>GenBank Accession Number:</b> BC012479	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul, Concentration: 1400 µg/ml by Nanodrop and 1133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 355	<b>CloneNo.:</b> 1G7F7
<b>Source:</b> Mouse	<b>Full Name:</b> Fas (TNF receptor superfamily, member 6)	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IHC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 35-38 kDa	
<b>Immunogen Catalog Number:</b> AG3718	<b>Observed MW:</b> 38-45 kDa	

## Applications

**Tested Applications:**  
FC, IHC, WB, ELISA

**Cited Applications:**  
IF, IHC, WB

**Species Specificity:**  
human

**Cited Species:**  
human, Zebrafish

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** Jurkat cells, HeLa cells, K-562 cells, U-937 cells

**IHC:** human tonsillitis tissue, human colon cancer tissue

## Background Information

FAS, also named as CD95, APO-1, APT1, FAS1 and TNFRSF6, is a receptor for TNFSF6/FASLG. It is a cell surface receptor belonging to the TNF receptor superfamily, can mediate apoptosis by ligation with an agonistic anti-Fas antibody or Fas ligand. Stimulation of Fas results in the aggregation of its intracellular death domains, leading to the formation of the death-inducing signaling complex (DISC). FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both. The secreted isoforms 2 to 6 block apoptosis (in vitro). This anti-Fas monoclonal antibody can be used to induce apoptosis in cell cultures through Fas by imitating the Fas-ligand.

## Notable Publications

Author	Pubmed ID	Journal	Application
Liyuan Ran	31154207	iScience	WB
Yanting Nie	32636649	Onco Targets Ther	WB
Mian Zhou	30052667	PLoS One	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

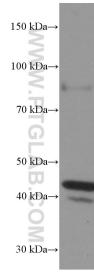
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

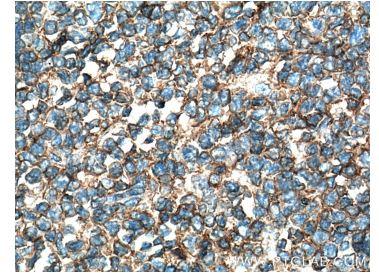
## Selected Validation Data



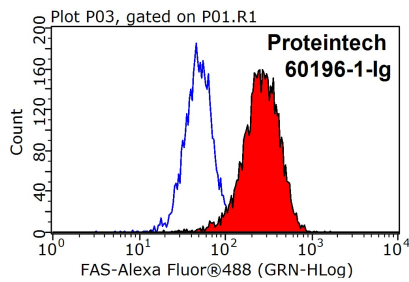
Jurkat cells were subjected to SDS PAGE followed by western blot with 60196-1-Ig (FAS/CD95) antibody at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60196-1-Ig (FAS/CD95) antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60196-1-Ig (FAS/CD95) antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10<sup>6</sup> Jurkat cells were stained with 0.2ug FAS/CD95 antibody (60196-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000.