

For Research Use Only

# FAS/CD95 Monoclonal antibody, PBS Only



Catalog Number: 60196-1-PBS

Featured Product

## Basic Information

<b>Catalog Number:</b> 60196-1-PBS	<b>GenBank Accession Number:</b> BC012479	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 355	<b>CloneNo.:</b> 1G7F7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P25445	
<b>Isotype:</b> IgG1	<b>Full Name:</b> Fas (TNF receptor superfamily, member 6)	
<b>Immunogen Catalog Number:</b> AG3718	<b>Calculated MW:</b> 35-38 kDa	
	<b>Observed MW:</b> 38-45 kDa	

## Applications

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

**Species Specificity:**  
human

## 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.

## Storage

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

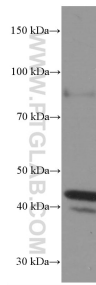
**Storage Buffer:**  
PBS only

Aliquoting is unnecessary for -20°C storage

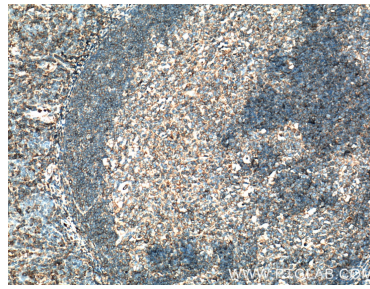
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

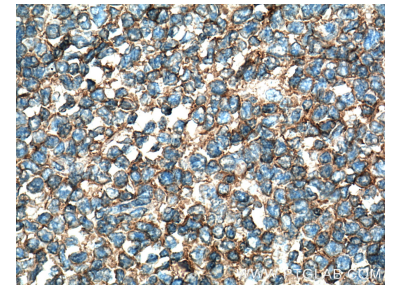
## Selected Validation Data



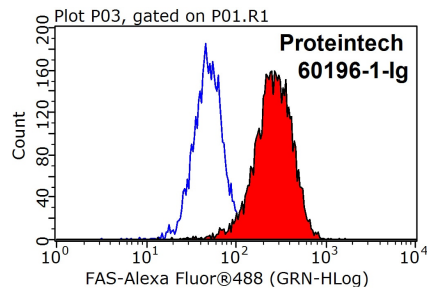
Jurkat cells were subjected to SDS PAGE followed by western blot with 60196-1-Ig (FAS/CD95) antibody at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60196-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 60196-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 60196-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 60196-1-PBS in a different storage buffer formulation.