

For Research Use Only

Fas/CD95 Monoclonal antibody

Catalog Number: 60196-1-Ig

Featured Product

13 Publications



Basic Information

Catalog Number: 60196-1-Ig	GenBank Accession Number: BC012479	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 355	CloneNo.: 1G7F7
Source: Mouse	UNIPROT ID: P25445	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:50-1:500
Isotype: IgG1	Full Name: Fas (TNF receptor superfamily, member 6)	
Immunogen Catalog Number: AG3718	Calculated MW: 35-38 kDa	
	Observed MW: 38-45 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human, zebrafish

Positive Controls:

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

IHC : human tonsillitis tissue, human colon cancer tissue

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

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

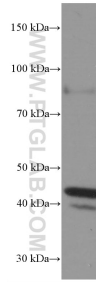
For technical support and original validation data for this product please contact:

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

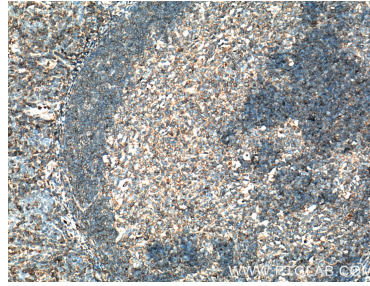
E: proteintech@ptglab.com
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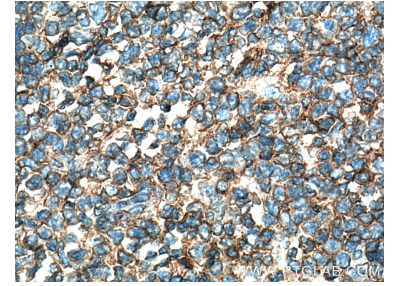
Selected Validation Data



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).