

For Research Use Only

Fas/CD95 Polyclonal antibody

Catalog Number: 13098-1-AP

Featured Product

128 Publications



Basic Information

Catalog Number:

13098-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 467 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3718

GenBank Accession Number:

BC012479

GeneID (NCBI):

355

UNIPROT ID:

P25445

Full Name:

Fas (TNF receptor superfamily, member 6)

Calculated MW:

35-38 kDa

Observed MW:

38-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP, CHIP

Species Specificity:

human

Cited Species:

human, monkey, hamster, sheep

Positive Controls:

WB : HT-1080 cells, HT-29 cells, Jurkat cells, HeLa cells

IP : HeLa cells,

Background Information

Fas (CD95/APO-1) is a transmembrane glycoprotein belonging to the tumor necrosis factor (TNF) receptor superfamily. It 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 molecular mass of native Fas is 38 kDa, the high molecular weight form (40-55 kDa) of Fas is due to glycosylation.

Notable Publications

Author	Pubmed ID	Journal	Application
Shifeng Pan	29152131	Oncotarget	WB
Lan Zhang	34586738	Clin Transl Med	WB
Xinghuo Wu	31554783	Exp Mol Med	WB,IF

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

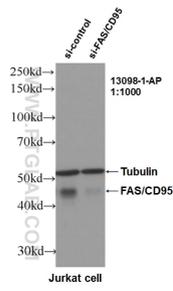
For technical support and original validation data for this product please contact:

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

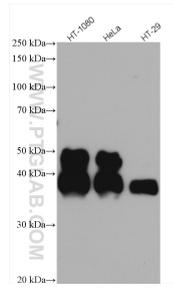
E: proteintech@ptglab.com
W: ptglab.com

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

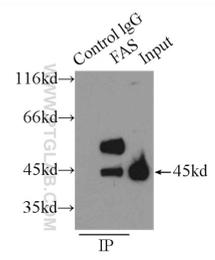
Selected Validation Data



WB result of FAS/CD95 antibody (13098-1-AP, 1:1000) with si-control and si-FAS transfected Jurkat cells.



Various lysates were subjected to SDS PAGE followed by western blot with 13098-1-AP (FAS/CD95 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-FAS/CD95 (IP:13098-1-AP, 3µg; Detection:13098-1-AP 1:500) with HeLa cells lysate 3000µg.