

For Research Use Only

Fas/CD95 Polyclonal antibody

Catalog Number:13098-1-AP

Featured Product

132 Publications



Basic Information

Catalog Number:

13098-1-AP

Concentration:

1000 μ g/ml

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 μ g 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

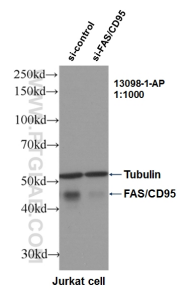
T: 4006900926

E: Proteintech-CN@ptglab.com

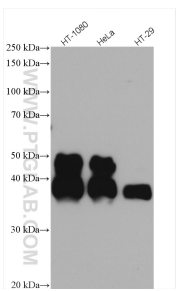
W: ptgcn.com

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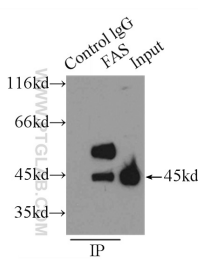
Selected Validation Data



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, 3ug; Detection:13098-1-AP 1:500) with HeLa cells lysate 3000ug.