

FAS/CD95 Polyclonal Antibody

Catalog number: 13098-1-AP

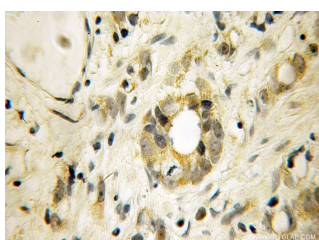
Size: 70 µg/150 µl

Source: Rabbit

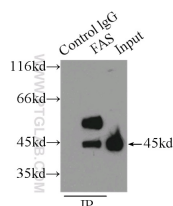
Isotype: IgG

Synonyms:

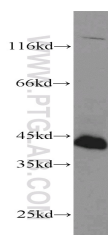
FAS; ALPS1A, APO 1, Apo 1 antigen, APT1, CD95, FAS, FAS1, FASLG receptor, FASTM, TNFRSF6



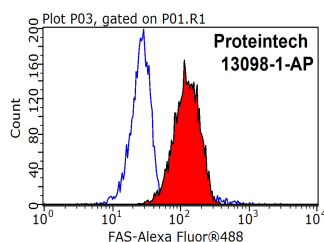
Immunohistochemical of paraffin-embedded human prostate cancer using 13098-1-AP (FAS antibody) at dilution of 1:100 (under 10x lens)



IP Result of anti-FAS (IP:13098-1-AP, 3ug; Detection:13098-1-AP 1:500) with HeLa cells lysate 3000ug.



HeLa cells were subjected to SDS PAGE followed by western blot with 13098-1-AP (FAS antibody) at dilution of 1:1000



1X10⁶ Jurkat cells were stained with 0.2ug FAS

Background

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.

Applications

Tested applications:	ELISA, WB, IHC, IP, FC
Cited applications:	IF, WB
Species specificity:	Human; other species not tested.
Cited species:	Human, mouse
Calculated FAS/CD95 MW:	35-38 kDa
Observed FAS/CD95 MW:	38-45 kDa
Positive WB detected in	HeLa cells, Jurkat cells
Positive IP detected in	HeLa cells
Positive IHC detected in	Human prostate cancer tissue, human colon cancer tissue
Positive FC detected in	Jurkat cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200 FC: N/A

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3718
GenBank accession number:	BC012479
Gene ID (NCBI):	355
Full name:	Fas (TNF receptor superfamily, member 6)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

antibody (13098-1-AP, red)
and control antibody (blue).
Fixed with 90% MeOH
blocked with 3% BSA (30
min). Alexa Fluor 488-
conjugated AffiniPure Goat
Anti-Rabbit IgG(H+L) with
dilution 1:1000.