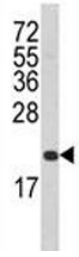
Fas Antibody / CD95 (F51184)

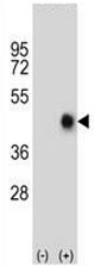
Catalog No.	Formulation	Size
F51184-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51184-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

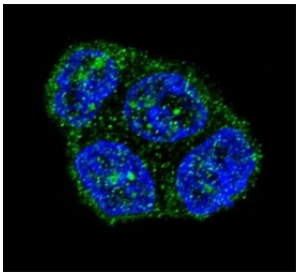
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P25445
Localization	Cytoplasmic, membranous
Applications	Western blot: 1:1000 Immunofluorescence: 1:10-1:50
Limitations	This Fas antibody is available for research use only.



Western blot analysis of Fas antibody and T47D lysate. Predicted molecular weight: ~38 kDa (unmodified), 40-55 kDa (glycosylated).



Western blot analysis of Fas antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the human gene. Predicted molecular weight: ~38 kDa (unmodified), 40-55 kDa (glycosylated).



Fas Antibody IF. Confocal immunofluorescent analysis of Fas antibody with T47D cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used as a nuclear counterstain (blue).

Description

Fas is a member of the TNF-receptor superfamily. This receptor contains a death domain. It has been shown to play a central role in the physiological regulation of programmed cell death, and has been implicated in the pathogenesis of various malignancies and diseases of the immune system. The interaction of this receptor with its ligand allows the formation of a death-inducing signaling complex that includes Fas-associated death domain protein (FADD), caspase 8, and caspase 10. The autoproteolytic processing of the caspases in the complex triggers a downstream caspase cascade, and leads to apoptosis. This receptor has been also shown to activate NF-kappaB, MAPK3/ERK1, and MAPK8/JNK, and is found to be involved in transducing the proliferating signals in normal diploid fibroblast and T cells.

For highly specific detection supported by extensive protein microarray validation, see our FAS antibody FAS/3112.

Application Notes

Titration of the Fas antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 185-211 from the human protein was used as the immunogen for this Fas antibody.

Storage

Aliquot the Fas antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.