ARG64992
anti-CD95 / Fas antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes CD95 / Fas
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize reported isoforms 1 (NP_000034.1), 2 (NP_690610.1) and 3 (NP_690611.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CD95 / Fas
Species	Human
Immunogen	KTCRKHRKENQGSH
Conjugation	Un-conjugated
Alternate Names	CD95; Apoptosis-mediating surface antigen FAS; FAS1; Tumor necrosis factor receptor superfamily member 6; ALPS1A; APT1; FASTM; CD antigen CD95; APO-1; TNFRSF6; FASLG receptor; Apo-1 antigen

Application Instructions

Application table

Application	Dilution
IHC-P	3 - 5 µg/ml
WB	0.1 - 0.3 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

	freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

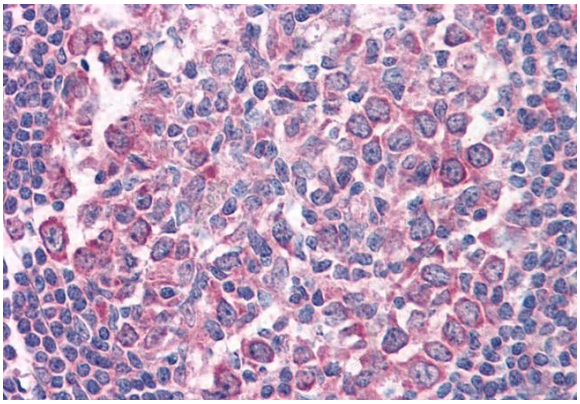
Bioinformation

Database links	GeneID: 355 Human Swiss-port # P25445 Human
Background	The protein encoded by this gene 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. Several alternatively spliced transcript variants have been described, some of which are candidates for nonsense-mediated mRNA decay (NMD). The isoforms lacking the transmembrane domain may negatively regulate the apoptosis mediated by the full length isoform. [provided by RefSeq, Mar 2011]
Research Area	Cell Biology and Cellular Response antibody; Cell Death antibody; Immune System antibody
Calculated Mw	38 kDa
PTM	N- and O-glycosylated. O-glycosylated with core 1 or possibly core 8 glycans.

Images

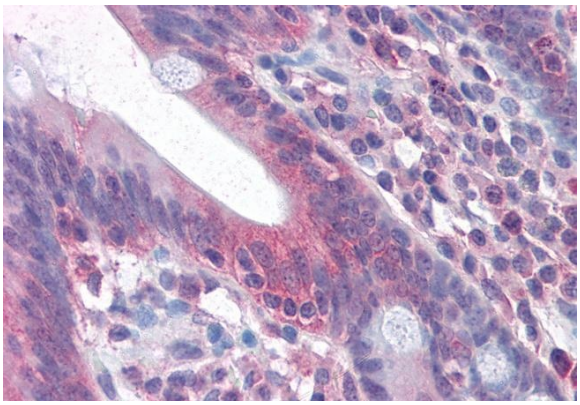
ARG64992 anti-FAS / CD95 antibody WB image

Western Blot: MOLT4 lysate (35 µg protein in RIPA buffer) stained with ARG64992 anti-FAS / CD95 antibody at 0.1 µg/ml dilution.



ARG64992 anti-CD95 / Fas antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64992 anti-CD95 / Fas antibody at 3.75 µg/ml dilution followed by AP-staining.



ARG64992 anti-CD95 / Fas antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64992 anti-CD95 / Fas antibody at 3.75 µg/ml dilution followed by AP-staining.