

Rabbit anti-Human Fas Monoclonal Antibody | anti-FAS antibody

Fas Rabbit mAb

CATALOG # AAA282748	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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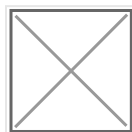
PRODUCT SYNONYMS

Fas; Monoclonal Antibody; Fas Rabbit mAb; APT1; CD95; FAS1; APO-1; FASTM; ALPS1A; TNFRSF6; anti-FAS antibody

PRODUCT SPECIFICATIONS

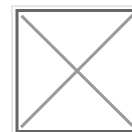
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	EGLHHDGQFC HKPCPPGERK ARDCTVNGDE PDCVPCQEGK EYTDKAHFSS KCRRRCRLCDE GHGLEVEINC TRTQNTKCRC KPNFFCNSTV CEHC DPCTKC E
Applicable Applications for anti-FAS antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human Fas (NP_000034.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat kidney using Fas Rabbit mAb (AAA282748) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using Fas Rabbit mAb (AAA282748) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-FAS antibody	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.
Product Categories/Family for anti-FAS antibody	Protein phosphorylation; Cell Biology Developmental Biology; Apoptosis; Mitochondrial Control of Apoptosis; Inhibition of Apoptosis; Death Receptor Signaling Pathway; Immunology Inflammation; CD's; Cytokines; Cell Intrinsic Innate Immunity Signaling Pathwa

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507583
NCBI GeneID	355
NCBI Accession #	NP_000034.1
NCBI GenBank Nucleotide #	NM_000043.4
UniProt Accession #	P25445; Q14292; Q14293; Q14294; Q14295; Q16652; Q5T9P1; Q5T9P2; Q5T9P3; Q6SSE9; A9UJX4; B6VNV4
Molecular Weight	Calculated MW: 38kDa Observed MW: 48kDa
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 6
UniProt Gene Name	FAS
UniProt Synonym Gene Names	APT1; FAS1; TNFRSF6
UniProt Entry Name	TNR6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.