

Mouse anti-Human CD95 / FAS Monoclonal Antibody | anti-CD95 antibody

Mouse Monoclonal [clone LT95] (IgG1) to Human CD95 / FAS

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51808	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

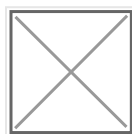
CD95 / FAS; Monoclonal Antibody; Mouse Monoclonal [clone LT95] (IgG1) to Human CD95 / FAS; Anti-CD95 / FAS Antibody (clone LT95) IHC-plus; FAS; ALPS1A; APO-1; APT1; Apo-1 antigen; APO-1 cell surface antigen; Apo11 antigen; Apoptosis antigen 1; CD95 antigen; Delta Fas/APO-1/CD95; Fas AMA; FAS1; FasL receptors; FASLG receptor; FASTM; FAS 827dupA; FasL receptor; TNFRSF6; CD95; Human CD95; anti-CD95 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	LT95
Specificity	Reacts with CD95 (Fas/APO-1), a 46 kD single chain type I glycoprotein of the tumor necrosis factor/nerve growth factor (TNF/NGF) receptor superfamily, expressed on a variety of normal and neoplastic cells. It seems that the antibody LT95 does not induce Fas mediated apoptosis, although it cross-blocks anti-Fas DX2 antibody that recognizes a functional epitope of Fas molecule.
Purity/Purification	Ion exchange Chromatography
Form/Format	PBS, pH7.4, 15mM Sodium Azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	335
Applicable Applications for anti-CD95 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Immunogen Species	CD95/FAS antibody was raised against Human
Immunogen	CD95/FAS antibody was raised against HUT-78 human T cell lymphoma cell line.
Antigen type	Cells
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Store at 2 degree C to 8 degree C. Do not freeze.

IMAGES



IHC (Immunohistochemistry)

Anti-FAS antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD95 antibody

Family: [TNF Receptor](#)

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
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 6 isoform 1
NCBI Official Synonym Full Names	Fas cell surface death receptor
NCBI Official Symbol	FAS
NCBI Official Synonym Symbols	APT1; CD95; FAS1; APO-1; FASTM; ALPS1A; TNFRSF6
NCBI Protein Information	tumor necrosis factor receptor superfamily member 6; Fas AMA; FAS 827dupA; CD95 antigen; FASLG receptor; apoptosis antigen 1; Delta Fas/APO-1/CD95; FAS receptor variant 9; APO-1 cell surface antigen; TNF receptor superfamily member 6; apoptosis-mediating surface antigen FAS; Fas (TNF receptor superfamily, member 6); tumor necrosis factor receptor superfamily, member 6
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd95-fas-antibody-clone-lt95-flow-cytometry-immunohistochemistry-elisa/51808>