

Rabbit anti-Mouse, Rat Fas Polyclonal Antibody | anti-Fas antibody

Anti-Fas Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125389	Rabbit	Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

Fas; Polyclonal Antibody; Anti-Fas Antibody; Tumor necrosis factor receptor superfamily member 6; Apo-1 antigen; Apoptosis-mediating surface antigen FAS; FASLG receptor; CD_antigen: CD95; Apt1; Tnfrsf6; anti-Fas antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	327
Applicable Applications for anti-Fas antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	E Coli-derived mouse Fas recombinant protein (Position: E46-K279).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES

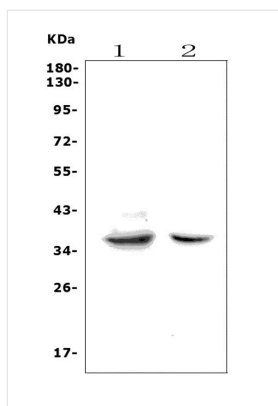
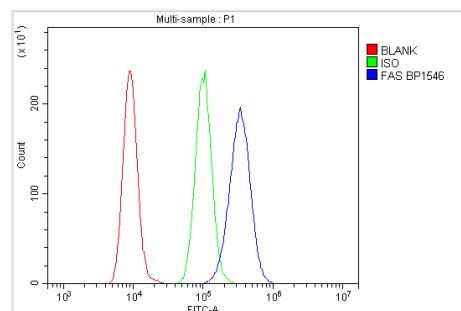
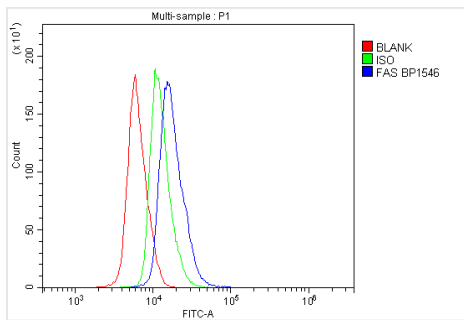

WB (Western Blot)

Figure 1. Western blot analysis of Fas using anti-Fas antibody.


FCM/FACS (Flow Cytometry)



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-Fas antibody	Description: Rabbit IgG polyclonal antibody for Fas detection. Tested with WB, FCM, Direct ELISA in Mouse; Rat. Background: FAS(also known as surface antigen APO1 or CD95) is a member of the tumour-necrosis receptor factor family of death receptors. It acts as an inducer of both neurite growth in vitro and accelerated recovery after nerve injury in vivo. FAS antigen is expressed and functional on papillary thyroid cancer cells and this may have potential therapeutic significance. The FAS antigen shows structural homology with a number of cell surface receptors, including tumor necrosis factor(TNF) receptors and the low-affinity nerve growth factor receptor(NGFR) and it is mapped to 10q24.1. The FAS and FASL system plays a key role in regulating apoptotic cell death and corruption of this signalling pathway has been shown to participate in immune escape and tumorigenesis.
References	1. Arscott, P. L., Stokes, T., Myc, A., Giordano, T. J., Thompson, N. W., Baker, J. R., Jr. Fas (CD95) expression is up-regulated on papillary thyroid carcinoma. J. Clin. Endocr. Metab. 84: 4246-4252, 1999. 2. Aspinall, A. I., Pinto, A., Auer, I. A., Bridges, P., Luidner, J., Dimnik, L., Patel, K. D., Jorgenson, K., Woodman, R. C. Identification of new Fas mutations in a patient with autoimmune lymphoproliferative syndrome (ALPS) and eosinophilia. Blood Cells Molec. Dis. 25: 227-238, 1999. 3. Bettinardi, A., Brugnani, D., Quiros-Roldan, E., Malagoli, A., La Grutta, S., Correria, A., Notarangelo, L. D. Missense mutations in the Fas gene resulting in autoimmune lymphoproliferative syndrome: a molecular and immunological analysis. Blood 89: 902-909, 1997.

NCBI AND UNIPROT INFORMATION

NCBI GI #	342187056
NCBI GeneID	14102
UniProt Accession #	P25446
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 6
NCBI Official Synonym Full Names	Fas (TNF receptor superfamily member 6)
NCBI Official Symbol	Fas
NCBI Official Synonym Symbols	lpr; APO1; APT1; CD95; TNFR6; Tnfrsf6; AI196731
NCBI Protein Information	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; Tnfrsf6
UniProt Entry Name	TNR6_MOUSE

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.