



Anti-FAS polyclonal antibody [Biotin] (DPABY-654)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Fas (Fibroblast-associated), also known as Apo-1, CD95, and TNFRSF6, was originally identified as a cell-surface protein that binds to monoclonal antibodies that are cytolytic for various human cell lines. Alternatively spliced cDNAs encoding multiple Fas isoforms, including a soluble form of Fas, have been identified. Fas is highly expressed in epithelial cells, hepatocytes, activated mature lymphocytes, virus-transformed lymphocytes and other tumor cells. Fas expression has also been detected in mouse thymus, liver, heart, lung, kidney and ovary.
Specificity	Detects mouse Fas/TNFRSF6/CD95 in ELISAs and Western blots. In sandwich immunoassays, less than 0.2% cross-reactivity with recombinant human (rh)Fas, rh4-1BB, rhDR6, rhNGF R, recombinant mouse (rm)OPG, rmRANK, and rmCD30 is observed. In Western blots, less than 1% cross-reactivity with rhFas, rh41-BB, rhDR3, rhDR6, rhHVEM, rhLTR beta, rhNGF R, rmOPG, rmRank, rmCD27, rmCD30, rmCD40, and rmGITR is observed.
Immunogen	S. frugiperda insect ovarian cell line Sf 21-derived recombinant mouse Fas/TNFRSF6/CD95. Met1-Arg169 Accession Number P25446
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, Flow Cytometry, ELISA Detection (Matched Pair)
Format	Liquid

Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody.
Preservative	None
Storage	Lyophilized samples are stable for twelve months from date of receipt when stored at -20 °C to -70 °C. Upon reconstitution, the antibody can be stored at 2 °C to - 8 °C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20 °C to -70 °C in a manual defrost freezer for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	Fas Fas (TNF receptor superfamily member 6) [Mus musculus (house mouse)]
Official Symbol	FAS
Synonyms	FAS; Fas (TNF receptor superfamily member 6); lpr; APO1; APT1; CD95; TNFR6; Tnfrsf6; AI196731; tumor necrosis factor receptor superfamily member 6; Fas antigen; apo-1 antigen; FASLG receptor; lymphoproliferation; Fas (TNF receptor superfamily member); apo
Entrez Gene ID	14102
Protein Refseq	NP_001140180
UniProt ID	Q8C350
Chromosome Location	19 C1; 19 29.48 cM
Pathway	Adipogenesis; African trypanosomiasis; Allograft rejection; Alzheimers disease; Apoptosis; Apoptosis Modulation by HSP70; Apoptosis signaling pathway; Autoimmune thyroid disease;
Function	identical protein binding; kinase binding; protease binding; protein binding; protein complex binding; transmembrane signaling receptor activity; tumor necrosis factor-activated receptor activity;