



Anti-TNFRSF19 polyclonal antibody (DPABY-337)

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

PRODUCT INFORMATION

Antigen Description	TROY, also named Toxicity and JNK inducer (TAJ) and TNFRSF19, is a member of the TNF receptor superfamily. Mouse TROY shares 92% amino acid sequence identity with human TROY in the extracellular domains. The two proteins also have 57% amino acid identity in their cytoplasmic tails. Among TNFRSF members, TROY is most related to EDAR, sharing 33% identity in their extracellular domains.
Specificity	Detects mouse TROY/TNFRSF19 in ELISAs and Western blots. In sandwich immunoassays, less than 2% cross-reactivity with recombinant human TAJ is observed and less than 0.2% cross-reactivity with recombinant mouse (rm)EDAR, rmCD27, rmFas, rmRANK, rmTNF RI, and rmTNF RII is observed.
Immunogen	S. frugiperda insect ovarian cell line Sf 21-derived recombinant mouse TROY/TNFRSF19. Met1-Leu170 Accession Number Q9JLL3
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Unconjugated
Applications	Western Blot, Immunohistochemistry, ELISA Capture (Matched Pair)
Format	Liquid
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) with 5%

trehalose.

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	Tnfrsf19 tumor necrosis factor receptor superfamily, member 19 [Mus musculus (house mouse)]
Official Symbol	TNFRSF19
Synonyms	TNFRSF19; tumor necrosis factor receptor superfamily, member 19; TAJ; Troy; TRADE; AL023044; AW123854; TAJ-ALPHA; tumor necrosis factor receptor superfamily member 19; Toxicity and JNK inducer;
Entrez Gene ID	29820
Protein Refseq	NP_001157627
UniProt ID	Q8BUM7
Chromosome Location	14 D1; 14
Pathway	Cytokine-cytokine receptor interaction;