



Anti-TNFRSF9 polyclonal antibody [Biotin] (DPABY-632)

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

PRODUCT INFORMATION

Antigen Description	4-1BB is an inducible T cell surface protein belonging to the TNF receptor superfamily. It is alternatively known as TNFRSF9, CD137, and ILA. The human and mouse proteins share 60% amino acid sequence identity. 4-1BB is absent from naive T cells, but it is upregulated and continually expressed following T cell activation.
Specificity	Detects mouse 4-1BB/TNFRSF9/CD137 in ELISAs and Western blots. In sandwich immunoassays, less than 0.1% cross-reactivity with recombinant human 4-1BB, recombinant mouse (rm)EDAR, and rmCD40 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse 4-1BB/TNFRSF9/CD137. Val24-Leu187 Accession Number P20334
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 PBS with BSA as a carrier protein.
Preservative	None

Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Tnfrsf9 tumor necrosis factor receptor superfamily, member 9 [Mus musculus (house mouse)]
Official Symbol	TNFRSF9
Synonyms	TNFRSF9; tumor necrosis factor receptor superfamily, member 9; ILA; Ly63; 4-1BB; Cd137; CDw137; AA408498; AI325004; A930040I11Rik; tumor necrosis factor receptor superfamily member 9; CD137 antigen; T-cell antigen 4-1BB; 4-1BB ligand receptor; secreted CD
Entrez Gene ID	21942
Protein Refseq	NP_001070976
UniProt ID	Q8R037
Chromosome Location	4 E2; 4 81.52 cM
Pathway	Cytokine-cytokine receptor interaction;
Function	cytokine binding; receptor activity;