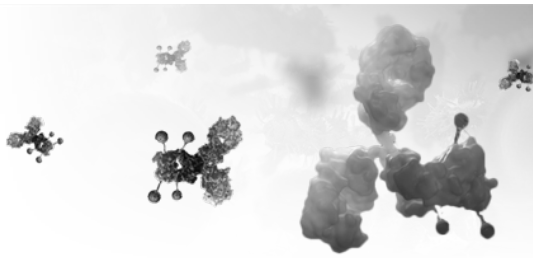

Anti-TNFRSF9 polyclonal antibody [Biotin] (DPABY-633)

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 human 4-1BB/TNFRSF9/CD137 in ELISAs and Western blots.In sandwich ELISAs, less than 0.1% cross-reactivity with recombinant mouse 4-1BB, recombinant human (rh)NGF R, rhTNF RI and rhTNF RII is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human 4-1BB. Leu24-Gln186 Accession Number Q07011
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, Flow Cytometry, Immunocytochemistry, 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

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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 [Homo sapiens (human)]
Official Symbol	TNFRSF9
Synonyms	TNFRSF9; tumor necrosis factor receptor superfamily, member 9; ILA; 4-1BB; CD137; CDw137; tumor necrosis factor receptor superfamily member 9; CD137 antigen; T cell antigen ILA; T-cell antigen ILA; 4-1BB ligand receptor; homolog of mouse 4-1BB; receptor p
Entrez Gene ID	3604
Protein Refseq	NP_001552
UniProt ID	Q07011
Chromosome Location	1p36
Pathway	Cytokine-cytokine receptor interaction; Downstream signaling in naive CD8+ T cells; TCR Signaling Pathway;
Function	cytokine binding; receptor activity;

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