



Anti-TNFRSF9 monoclonal antibody, clone 269443 (DCABY-4198)

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 in direct ELISAs and Western blots. Does not cross-react with recombinant human (rh) 4-1BB, rhCD27, recombinant mouse (rm) CD27, rhCD30, rmCD30, rhCD40, rmCD40, rhDR3, rhDR6, rhEDAR, rmEDAR, rhFas, rmFas, rhGITR, rmGITR, rhHVEM, rhLTR beta, rhNGFR, rhOPG, rmOPG, rhRANK, rmRANK, rhTROY, rmTROY, rhTNFsRI, rhTNFsRII, or rmTNFsRII.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse 4-1BB. Val24-Leu187 Accession Number P20334
Isotype	IgG2A
Source/Host	Rat
Species Reactivity	Mouse
Clone	269443
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg

Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
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 from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.

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;