

Mouse Anti-TNFRSF6B Monoclonal Antibody

Cat. No. DMABT-H18387 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse Anti-TNFRSF6B Monoclonal Antibody
Species	Human
Source	Mouse
Antigen Description	The DcR3 protein is a soluble member of the TNF receptor superfamily containing four TNF receptor domains with an approximate molecular weight of 35 kD. DcR3, also known as Decoy receptor 3, TR6, M68, can be secreted by monocytes and myeloid-derived dendritic cells following exposure to bacterial antigens. DcR3 is overexpressed in tumors including lung and colon cancers, gliomas, and pancreatic cancers and can be detected in the serum of cancer patients. DcR3 can also be found in the cytoplasm and endoplasmic reticulum in some cell types. This protein competes for ligand binding with cell surface receptor and can inhibit their signaling. DcR3 has been shown to bind the ligands FasL, LIGHT, and TNF like molecule2(TL1A) to inhibit binding to the cell surface receptors Fas, HVEM and LT-beta R, and death receptor4(DR3), respectively.
Target	TNFRSF6B
Immunogen	Human DcR3 Fc protein
Isotype	IgG1, kappa
species	Human

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Clone	C09-46
Conjugation	N/A
Applications	WB,IP,IHC,ELISA
Preparation	The antibody was purified by affinity chromatography.
Usage recommendation	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 106cells in 100 μl volume. It is recommended that the reagent be titrated for optimal performance for each application.
Concentration	0.5 mg/ml
Storage	The antibody solution should be stored undiluted at 4 °C.
Size	100 μg

GENE INFORMATION

Gene Name	TNFRSF6B tumor necrosis factor receptor superfamily, member 6b, decoy [Homo sapiens]
Official Symbol	TNFRSF6B
Synonyms	TNFRSF6B; tumor necrosis factor receptor superfamily, member 6b, decoy; tumor necrosis factor receptor superfamily member 6B; DcR3; DCR3; M68; TR6; decoy receptor 3; decoy receptor for Fas ligand; M68E; DJ583P15.1.1;
Gene ID	8771

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mRNA Refseq	NM_003823
Protein Refseq	NP_003814
MIM	603361
UniProt ID	O95407
Chromosome Location	20q13.3
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	protein binding; receptor activity;

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