CD137L / 4-1BBL / TNFSF9 Antibody

Mouse Monoclonal Antibody [Clone CD137L/1547]

Catalog No	Format	Size
8744-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
8744-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
8744-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

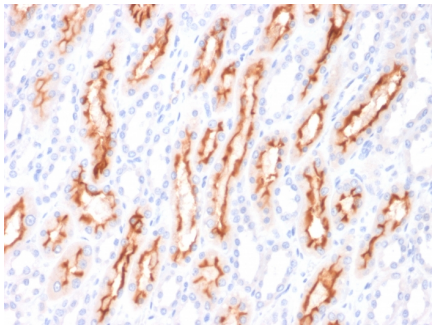
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

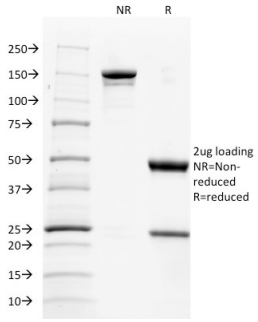
Clone	CD137L/1547
Gene Name	TNFSF9
Immunogen	Recombinant full-length human CD137L protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a
Mol. Weight of Antigen	27kDa
Cellular Localization	Membrane
Species Reactivity	Human
Positive Control	Raji

**Optimal dilution for a specific application should be determined.*

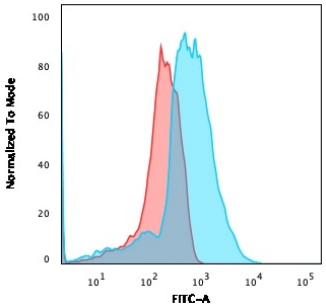
Product Images for CD137L / 4-1BBL / TNFSF9 Antibody



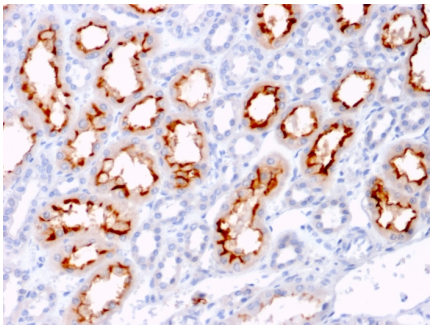
Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with CD137L-Monospecific Mouse Monoclonal Antibody (CD137L/1547).



SDS-PAGE Analysis Purified CD137L-Monospecific Mouse Monoclonal Antibody (CD137L/1547). Confirmation of Purity and Integrity of Antibody.



Flow Cytometric Analysis of PFA-fixed HEK293 cells using CD137L-Monospecific Mouse Monoclonal Antibody (CD137L/1547) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with CD137L-Monospecific Mouse Monoclonal Antibody (CD137L/1547).

Specificity & Comments

TNFSF9 / 4-1BBL is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This transmembrane cytokine is a bidirectional signal transducer that acts as a ligand for TNFRSF9 / 4-1BB, which is a costimulatory receptor molecule in T lymphocytes. This cytokine and its receptor are involved in the antigen presentation process and in the generation of cytotoxic T cells. The receptor TNFRSF9 / 4-1BB is absent from resting T lymphocytes but rapidly expressed upon antigenic stimulation. It has been shown to reactivate anergic T lymphocytes in addition to promoting T lymphocyte proliferation. This cytokine is required for the optimal CD8 responses in CD8 T cells. This cytokine is expressed in carcinoma cell lines, and is thought to be involved in T cell-tumor cell interaction.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

AKT Signaling, Cytokine Signaling, Immune checkpoint, Immunology

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.