

Anti-TNFSF9 Antibody [CD137L/1547] (A250439)

Specifications:

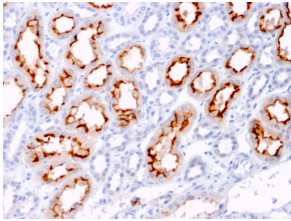
Name:	Anti-TNFSF9 Antibody [CD137L/1547]
Description:	Mouse monoclonal [CD137L/1547] antibody to TNFSF9.
Specificity:	TNFSF9 / 4-1BBL is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This transmembrane cytokine is a bidirectional signal transducer that acts as a ligand for 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.
Applications:	Flow Cytometry, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant full-length human CD137L protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	CD137L/1547
Isotype:	IgG2a
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-TNFSF9 Antibody [CD137L/1547] - BSA and Azide free (A253619).

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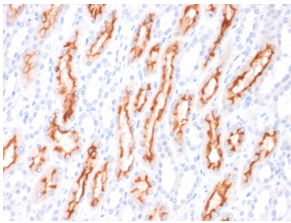
Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

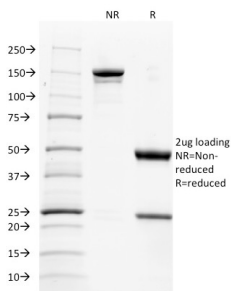
Images:



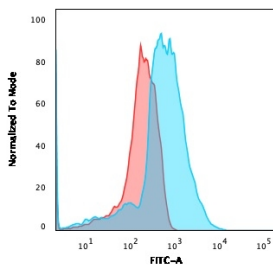
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human renal cell carcinoma using Anti-TNFSF9 Antibody [CD137L/1547].



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SDS-PAGE analysis of Anti-TNFSF9 Antibody [CD137L/1547] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.



Flow cytometric analysis of PFA fixed HEK293 cells using Anti-TNFSF9 Antibody [CD137L/1547] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Isotype Control (Red).