Recombinant CD137 / 4-1BB / TNFRSF9 Antibody

Rabbit Monoclonal Antibody [Clone 4-1BB/4552R]

Catalog No	Format	Size
3604-RBM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3604-RBM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3604-RBM2-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

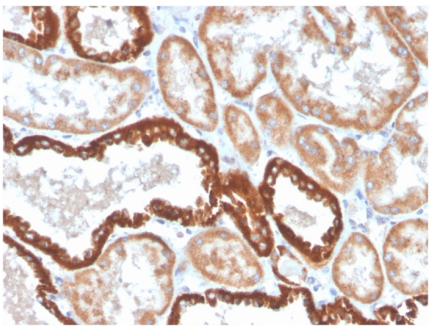
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

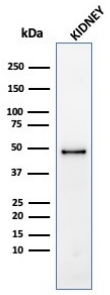
Clone	4-1BB/4552R
Immunogen	Recombinant full-length human CD137 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	27.9kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	Raji, Ramos, HEK293 cells, Jurkat whole cell lysate or recombinant human CD137 protein (WB). Human kidney cancer, Liver, stomach or thyroid cancer tissue (IHC-P). Expressed on the surface of activated T-cells.

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

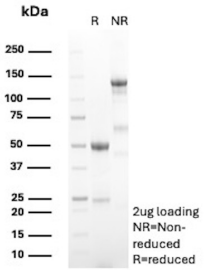
Product Images for Recombinant CD137 / 4-1BB / TNFRSF9 Antibody



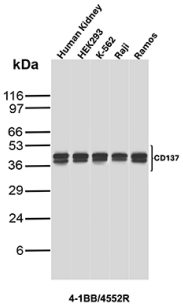
Formalin-fixed, paraffin-embedded human kidney stained with CD137 Recombinant Rabbit Monoclonal Antibody (4-1BB/4552R).



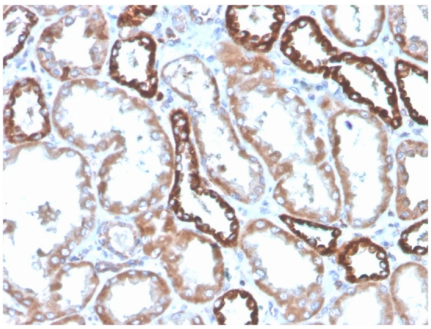
Western Blot Analysis of kidney tissue lysate using CD137 Recombinant Rabbit Monoclonal Antibody (4-1BB/4552R).



SDS-PAGE Analysis of Purified CD137 Recombinant Rabbit Monoclonal Antibody (4-1BB/4552R). Confirmation of Purity and Integrity of Antibody.



Western Blot Analysis of Human kidney, HEK293, K-562, Raji and Ramos lysates using CD137 Recombinant Rabbit Monoclonal Antibody (4-1BB/4552R).



Formalin-fixed, paraffin-embedded kidney stained with CD137 Recombinant Rabbit Monoclonal Antibody (4-1BB/4552R).

Specificity & Comments

CD137 belongs to the tumor necrosis factor receptor family and delivers a costimulatory signal to T lymphocytes. It is expressed on activated T cells and binds an inducible ligand that is found on B cells, macrophages and dendritic cells. Interactions between CD137 and its ligand are involved in antigen presentation and the generation of cytotoxic T cells. CD137 antibody may improve cancer treatment, and has been implicated in breast cancer, melanoma and lymphoma.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. 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.

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.