

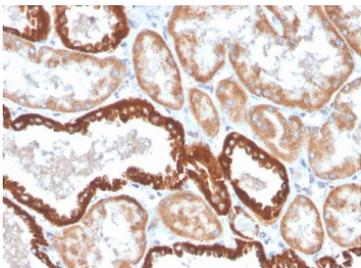
Recombinant CD137 Antibody / 4-1BB / TNFRSF9 [clone 4-1BB/4552R] (V8061)

Catalog No.	Formulation	Size
V8061-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8061-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8061SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

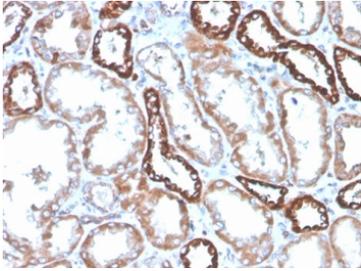
Recombinant **RABBIT MONOCLONAL**

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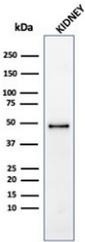
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	4-1BB/4552R
Purity	Protein A affinity chromatography
UniProt	Q07011
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Western Blot : 2-4ug/ml
Limitations	This recombinant CD137 antibody is available for research use only.



IHC staining of FFPE human kidney with CD137 antibody (clone 4-1BB/4552R). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



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Western blot testing of human kidney tissue lysate with recombinant CD137 antibody. Expected molecular weight: ~30 kDa monomer and 55-60 kDa dimer. Higher molecular weights may be observed due to glycosylation.

Description

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.

Application Notes

Optimal dilution of the recombinant CD137 antibody should be determined by the researcher.

Immunogen

A human CD137 protein fragment within amino acids 19-188 was used as the immunogen for the recombinant CD137 antibody.

Storage

Store the recombinant CD137 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).