

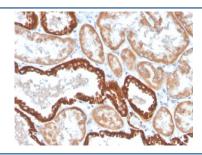
# Recombinant CD137 Antibody / 4-1BB / TNFRSF9 [clone 4-1BB/4552R] (V8061)

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

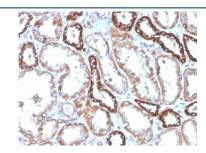
## Recombinant RABBIT MONOCLONAL

## **Bulk quote request**

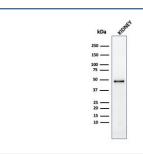
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	4-1BB/4552R
Purity	Protein A affinity chromatography
UniProt	Q07011
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml 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 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).