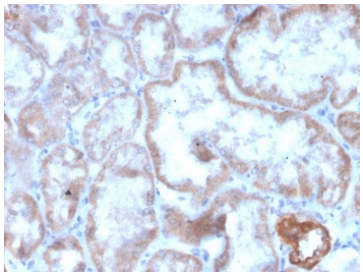
Recombinant CD137 Antibody / 4-1BB / TNFRSF9 [clone r4-1BB/4603] (V8636)

Catalog No.	Formulation	Size
V8636-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8636-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8636SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

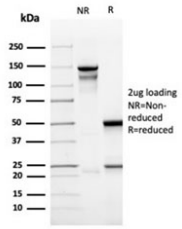
Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG2a, kappa
Clone Name	r4-1BB/4603
Purity	Protein G affinity chromatography
UniProt	Q07011
Localization	Cell surface
Applications	Immunohistochemistry (FFPE) : 2-4ug/ml for 30 minutes at RT
Limitations	This recombinant CD137 antibody is available for research use only.



IHC staining of FFPE human kidney with recombinant CD137 antibody (clone r4-1BB/4603). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant CD137 antibody (clone r4-1BB/4603) as confirmation of integrity and purity.

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 portion of amino acids 19-188 from the human protein 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).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com