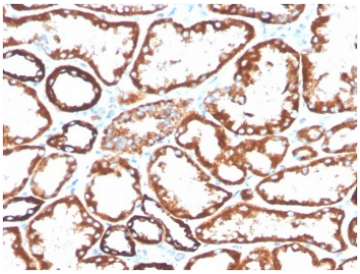
CD137 Antibody 4-1BB/3201 Biotin Conjugate / 4-1BB / TNFRSF9 [clone 4-1BB/3201] (V7567BTN)

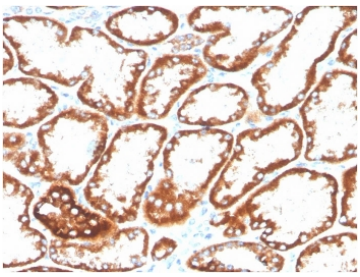
Catalog No.	Formulation	Size
V7567BTN	0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	500 ul

Bulk quote request

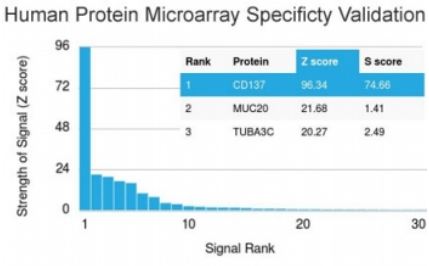
Availability	1-3 business days
Species Reactivity	Human
Format	Biotin Conjugate
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	4-1BB/3201
Purity	Protein G affinity chromatography
UniProt	Q07011
Localization	Cell surface, cytoplasmic
Applications	ELISA (order Ab without BSA for coating) Immunofluorescence: 2-4ug/ml Flow cytometry: 2-4ug/million cells Immunohistochemistry (FFPE): 2-4ug/ml for 30 minutes at RT
Limitations	This CD137 Antibody 4-1BB/3201 Biotin Conjugate is available for research use only.



CD137 Antibody 4-1BB/3201 Biotin Conjugate Immunohistochemistry. IHC staining of FFPE human renal cell carcinoma with biotinylated CD137 antibody (clone 4-1BB/3201). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



IHC staining of FFPE human renal cell carcinoma with biotinylated CD137 antibody (clone 4-1BB/3201). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using CD137 antibody (clone 4-1BB/3201). These results demonstrate the foremost specificity of the 4-1BB/3201 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

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.

For a CD137 monoclonal with broader IF, FACS, IHC, Western blot, and protein microarray validation, see our CD137 Antibody 4-1BB/3201 / 4-1BB Antibody page.

Application Notes

Optimal dilution of the CD137 Antibody 4-1BB/3201 Biotin Conjugate 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 CD137 Antibody 4-1BB/3201 Biotin Conjugate.

Storage

Store the CD137 Antibody 4-1BB/3201 Biotin Conjugate at 2-8oC (up to one month) or aliquot and store at -20oC (longer term).

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