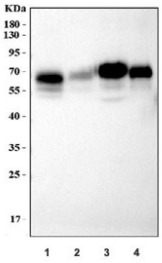
CD86 Antibody (R31664)

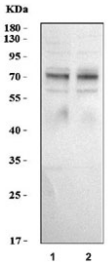
Catalog No.	Formulation	Size
R31664	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

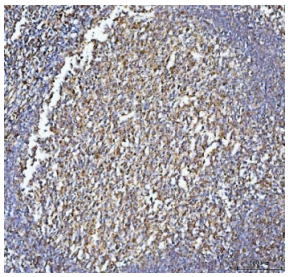
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
Gene ID	942
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml
Limitations	This CD86 antibody is available for research use only.



Western blot testing of mouse 1) spleen, 2) thymus, 3) J774A.1 and 4) ANA-1 cell lysate with CD86 antibody. Predicted molecular weight ~38 kDa (unmodified), 45-70 kDa (glycosylated).



Western blot testing of human 1) Raji and 2) Daudi cell lysate with CD86 antibody. Predicted molecular weight ~38 kDa (unmodified), 45-70 kDa (glycosylated).



IHC staining of FFPE human tonsil tissue with CD86 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

Cluster of Differentiation 86 (also known as B7-2) is a protein expressed on antigen-presenting cells that provides costimulatory signals necessary for T cell activation and survival. The CD86 gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. The antigen presentation coactivators B7-1 and B7-2/CD86, which are important in other immune-mediated thyroid diseases, are important for lymphocytic infiltration and the immune response against thyroid carcinoma.

Application Notes

Titration of the CD86 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 24-329) was used as the immunogen for this CD86 antibody.

Storage

The lyophilized CD86 antibody can be stored at 4oC to -20oC. After reconstitution, aliquot and store at -20oC. Avoid repeated freeze/thaws.

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

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