

Product Datasheet

B7-2/CD86 Antibody (C86/1146)

NBP2-44514-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-44514-0.1mg

B7-2/CD86 Antibody (C86/1146)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	C86/1146
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	70 kDa

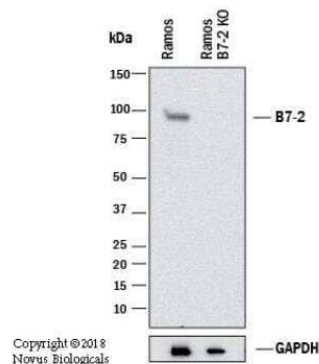
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-47778) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	942
Gene Symbol	CD86
Species	Human, Mouse, Rat
Marker	Dendritic Cells Maturation Marker
Immunogen	Recombinant human full-length B7-2/CD86 protein (Uniprot: P42081)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 2-4 ug/ml, Knockout Validated
Application Notes	Immunohistochemistry (Formalin-fixed): 2-4ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris buffer with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

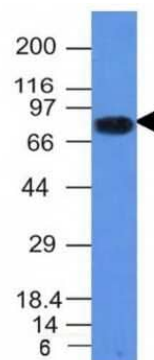


Images

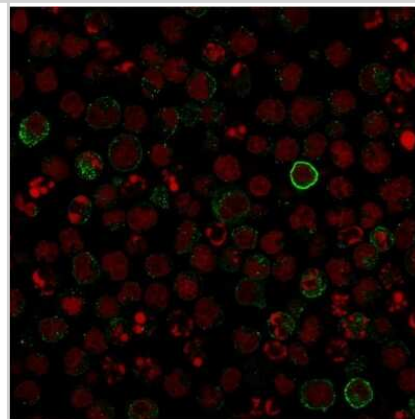
Knockout Validated: B7-2/CD86 Antibody (C86/1146) [NBP2-44514] - Western blot shows lysates of Ramos human Burkitt's lymphoma parental cell line and B7-2 knockout (KO) Ramos cell line. PVDF membrane was probed with 1.0 ug/mL of Mouse Anti-Human B7-2 Monoclonal Antibody (Catalog # NBP2-44514) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog #HAF018). Specific band was detected for B7-2 at approximately 90 kDa (as indicated) in the parental Ramos cell line, but is not detectable in the knockout Ramos cell line. This experiment was conducted under reducing conditions.



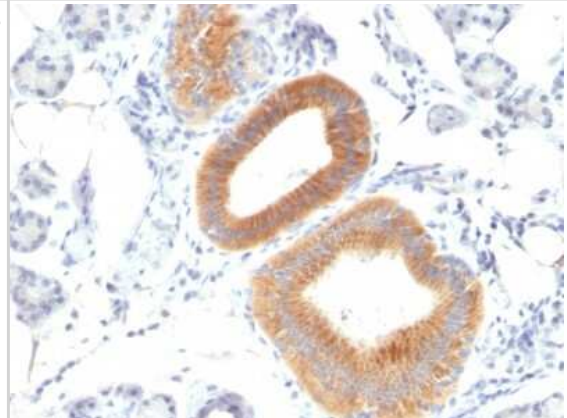
Western Blot: B7-2/CD86 Antibody (C86/1146) [NBP2-44514] - Analysis of Daudi Cell Lysate using CD86 Monoclonal Antibody (C86/1146).



Immunocytochemistry/Immunofluorescence: B7-2/CD86 Antibody (C86/1146) [NBP2-44514] - Confocal Immunofluorescence image of Raji cells using B7-2/CD86 Antibody (C86/1146) followed by goat anti-Mouse IgG conjugated with CF488 (green). Red Dot is used to label the Nuclei (red).



Immunohistochemistry-Paraffin: B7-2/CD86 Antibody (C86/1146) [NBP2-44514] - Human Melanoma stained with CD86 Monoclonal Antibody (C86/1146).





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Products Related to NBP2-44514-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-77486-50ug	Recombinant Human B7-2/CD86 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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