

Product Datasheet

CD82/Kai-1 Antibody (C33) - BSA Free NBP2-21792

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP2-21792

CD82/Kai-1 Antibody (C33) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	C33
Preservative	15mM Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4

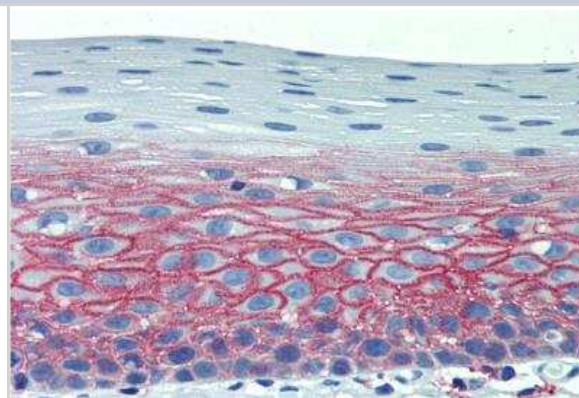
Product Description	
Description	Novus Biologicals Mouse CD82/Kai-1 Antibody (C33) - BSA Free (NBP2-21792) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3732
Gene Symbol	CD82
Species	Human
Specificity/Sensitivity	The antibody C33 reacts with CD82, a widely expressed cell surface protein of the tetraspanin family. CD82 is also found in endosome/lysosome compartments.
Immunogen	C91/PL (human HTLV-1+ T cell line).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1-4 ug/ml, Immunohistochemistry 1:50-1:300, Immunocytochemistry/ Immunofluorescence 1:50-1:300, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:50-1:300, CyTOF-ready
Application Notes	In human MOLT-4 T-cell line the antibody C33 inhibits syncytium formation induced by coculture with human T-cell leukemia virus type 1 (HTLV-1)-positive human T-cell lines. This antibody is CyTOF ready.

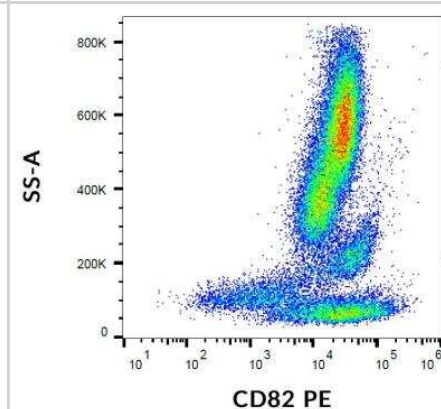


Images

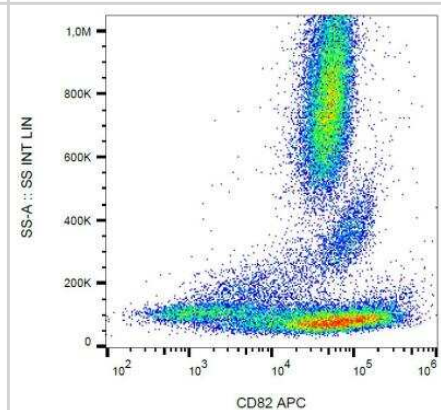
Immunohistochemistry-Paraffin: CD82/Kai-1 Antibody (C33) [NBP2-21792] - Staining of human tonsil (paraffin-embedded sections) with anti-CD82 (C33).



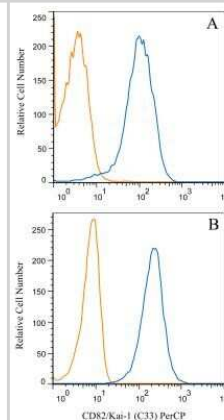
Flow Cytometry: CD82/Kai-1 Antibody (C33) [NBP2-21792] - Analysis (surface staining) of CD82 on human peripheral blood cells with anti-CD82 (C33) PE.



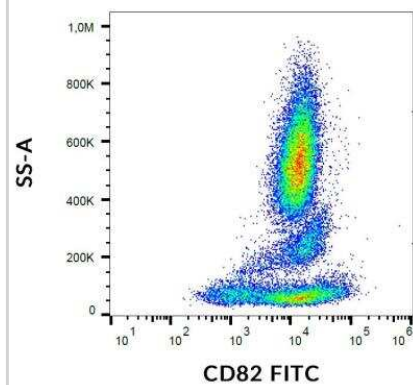
Flow Cytometry: CD82/Kai-1 Antibody (C33) [NBP2-21792] - Staining of CD82 on human peripheral blood cells with anti-CD82 (C33) APC.



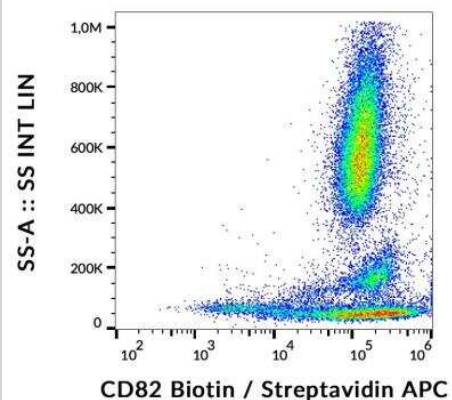
Flow Cytometry: CD82/Kai-1 Antibody (C33) [NBP2-21792] - Flow Cytometry: [PerCP] [NBP2-21792PCP] - A cell surface (A) and intracellular stain (B) was performed on Daudi cells with CD82/Kai-1 (C33) antibody NBP2-21792PCP along with a matched isotype control NB600-986PCP. The cell surface stain was performed in an antibody dilution of 5 ug/mL and incubated at RT for 20 minutes. Prior to intracellular staining, the cells were fixed with 4% PFA and then permeabilized with 0.1 % saponin. The cells were then incubated in an antibody dilution of 5 ug/mL at RT for 30 minutes. Both antibodies were conjugated to Peridinin-Chlorophyll-Protien complex. Image using the PerCP form of this antibody.



Flow Cytometry: CD82/Kai-1 Antibody (C33) [NBP2-21792] - Staining of CD82 on human peripheral blood cells with anti-CD82 (C33) FITC.



Flow Cytometry: CD82/Kai-1 Antibody (C33) [NBP2-21792] - Analysis (surface staining) of CD82 on human peripheral blood cells with anti-CD82 (C33) biotin, streptavidin/PE.





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Products Related to NBP2-21792

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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