

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	0.9% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description

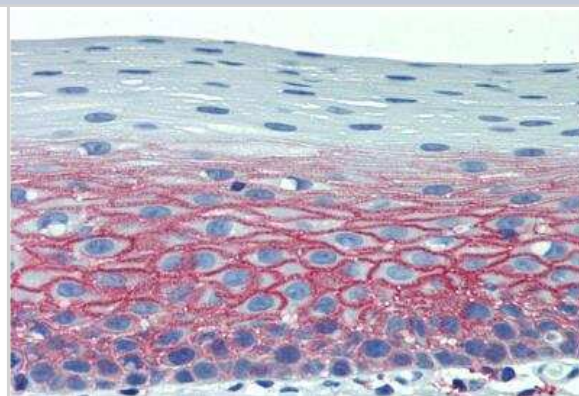
Host	Mouse
Gene ID	3732
Gene Symbol	CD82
Species	Human
Specificity/Sensitivity	The antibody C33 reacts with CD82, a widely expressed cell surface protein of the tetraspanin family. CD82 is also found in endosome/lysosome compartments.
Immunogen	C91/PL (human HTLV-1+ T cell line).

Product Application Details

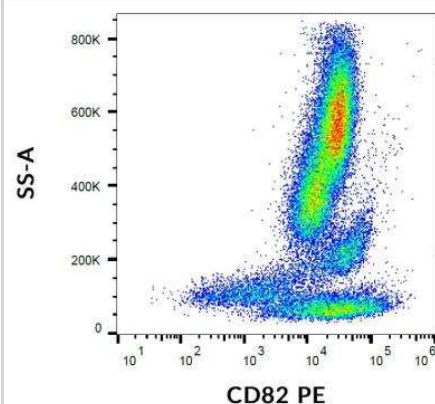
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1-4 ug/ml, Immunohistochemistry 1:50-1:300, Immunocytochemistry/ Immunofluorescence 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

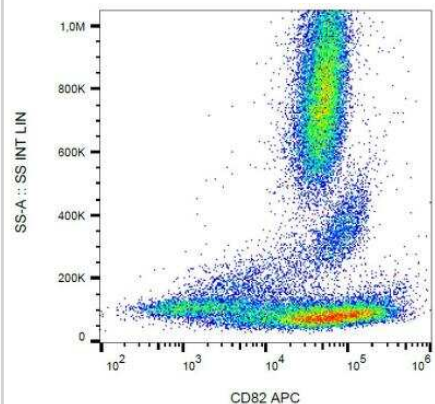
Immunohistochemistry-Paraffin: CD82/Kai-1 Antibody (C33) [NBP2-21792] - Staining of human tonsil (paraffin-embedded sections) with anti-CD82 (C33).



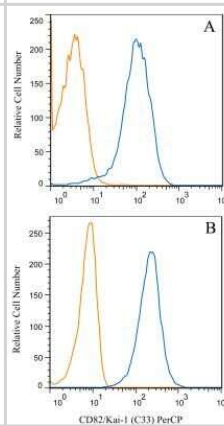
Flow Cytometry: CD82/Kai-1 Antibody (C33) [NBP2-21792] - Analysis (surface staining) of CD82 on human peripheral blood cells with anti-CD82 (C33) PE.



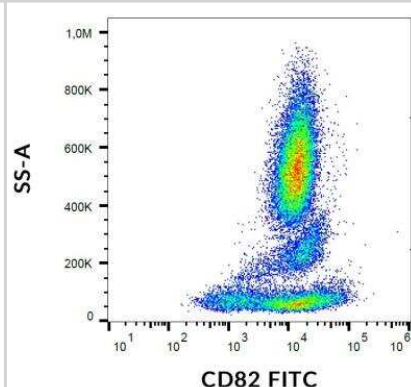
Flow Cytometry: CD82/Kai-1 Antibody (C33) [NBP2-21792] - Staining of CD82 on human peripheral blood cells with anti-CD82 (C33) APC.



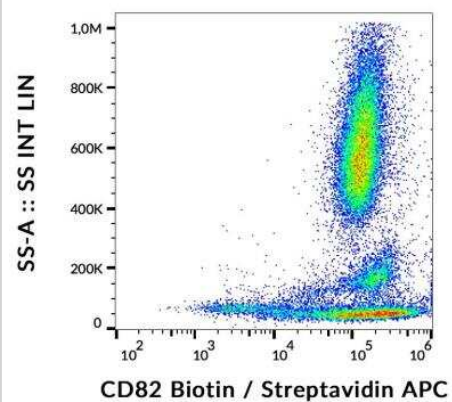
Flow Cytometry: CD82/Kai-1 Antibody (C33) [NBP2-21792] - Flow Cytometry: [PerCP] [NBP2-21792PCP] - A cell surface (A) and intracellular stain (B) was performed on Daudi cells with CD82/Kai-1 (C33) antibody NBP2-21792PCP along with a matched isotype control NB600-986PCP. The cell surface stain was performed 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-Protein 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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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-21792PCP	CD82/Kai-1 Antibody (C33) [PerCP]

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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