

Product Datasheet

CD45 Antibody (30-F11) - Azide and BSA Free NBP2-80652

Unit Size: 0.5 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-80652

CD45 Antibody (30-F11) - Azide and BSA Free

Product Information	
Unit Size	0.5 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	30-F11
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	145 kDa

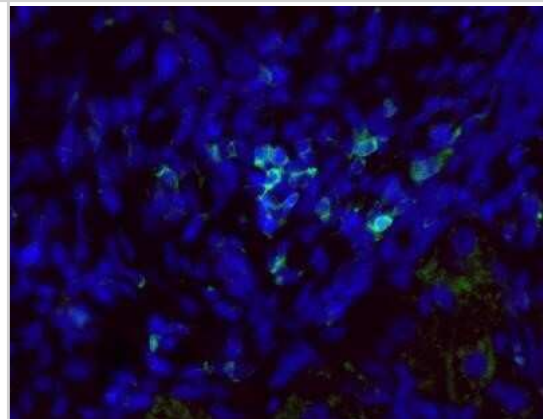
Product Description	
Description	Novus Biologicals Rat CD45 Antibody (30-F11) - Azide and BSA Free (NB100-77417) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	5788
Gene Symbol	PTPRC
Species	Human, Mouse, Rat
Reactivity Notes	CD45 Antibody (30-F11) shows reactivity with Human as reported in scientific literature (PMID: 29367423).
Immunogen	This CD45 Antibody (30-F11) - Azide and BSA Free was prepared from Mouse thymus or spleen.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, In vitro assay, In vivo assay, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen 1:10-1:500, Functional reported in scientific literature (PMID 7743522), In vitro assay reported in scientific literature (PMID 1974916), In vivo assay reported in multiple pieces of scientific literature, CyTOF-ready
Application Notes	Each lot of this CD45 antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. IF data from customer review. It is recommended that the reagent be titrated for optimal performance for each application. his antibody is CyTOF ready

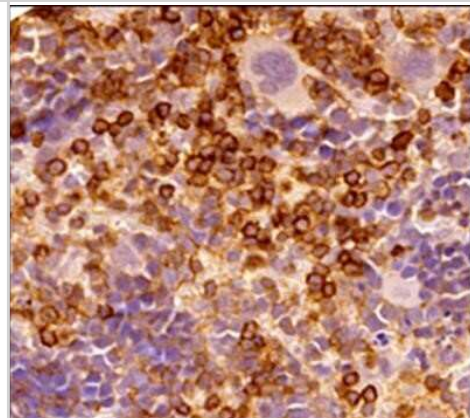


Images

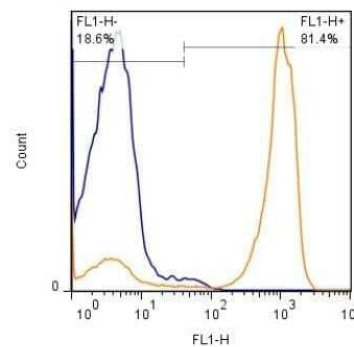
Immunocytochemistry/Immunofluorescence: CD45 Antibody (30-F11) - Azide and BSA Free [NBP2-80652] - Staining of a FFPE mouse liver tissue section using 1:100 dilution of CD45 antibody (30-F11). Signal was detected using AF488 conjugated donkey anti-rat secondary antibody at 1:500 dilution. Image submitted via verified customer review. Image from the standard format of this antibody.



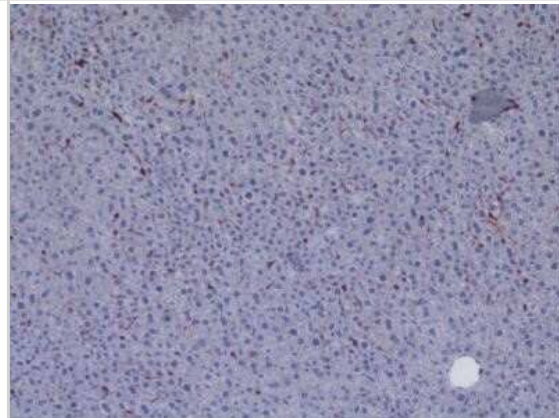
Immunohistochemistry-Paraffin: CD45 Antibody (30-F11) - Azide and BSA Free [NBP2-80652] - Analysis of FFPE section of mouse spleen using rat monoclonal CD45 antibody (30-F11) at 1:50 dilution. The antibody generated an expected membrane staining in the red and white pulp splenocytes of the tested spleen section. Image from the standard format of this antibody.



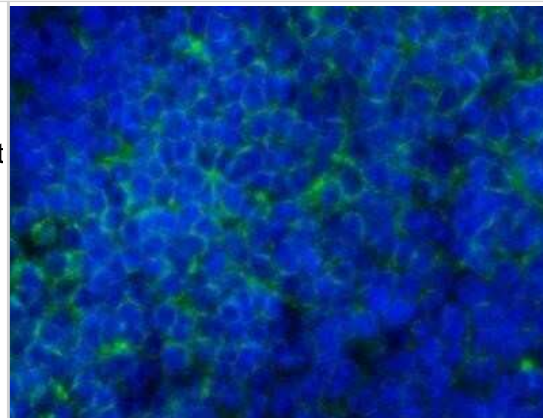
Flow Cytometry: CD45 Antibody (30-F11) - Azide and BSA Free [NBP2-80652] - Analysis of CD45 (30F11) in freshly isolated mouse (Balb C) splenocytes (1×10^6) were stained with CD45 antibody (30-F11) (NB100-77417) at 1:1000 dilution and detected with FITC conjugated donkey anti-rat IgG secondary (orange). Shown with rat IgG isotype control (blue). Image from the standard format of this antibody.



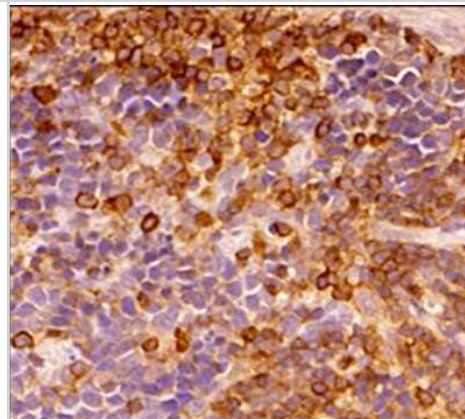
Immunohistochemistry: CD45 Antibody (30-F11) - Azide and BSA Free [NBP2-80652] - Analysis of a FFPE embedded tissue section of mouse liver using 1:100 dilution of CD45 antibody (30-F11). The signal was developed using AEC reagent based method with hematoxylin counterstaining. Image from the standard format of this antibody.



Immunohistochemistry: CD45 Antibody (30-F11) - Azide and BSA Free [NBP2-80652] - Analysis of a mouse spleen cryosection using CD45 antibody (30-F11) at 1:50 dilution. The signal was detected using goat anti-rat Alexa fluor 488 secondary with DAPI counterstaining. Image submitted via a verified customer review. Image from the standard format of this antibody.



Immunohistochemistry-Paraffin: CD45 Antibody (30-F11) - Azide and BSA Free [NBP2-80652] - Analysis of a FFPE section of mouse spleen using rat monoclonal CD45 antibody (30-F11) at 1:50 dilution. The antibody generated an expected membrane staining in the red and white pulp splenocytes of the tested spleen section. Image from the standard format of this antibody.





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Products Related to NBP2-80652

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP1-43323-0.5mg	Rat IgG2b Kappa Light Chain Isotype Control (149/10H5)

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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