

# 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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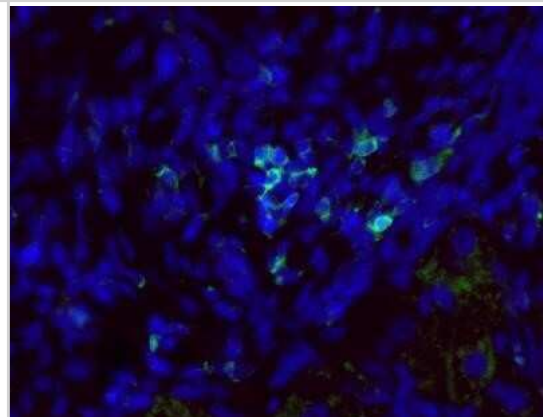
**NBP2-80652**

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

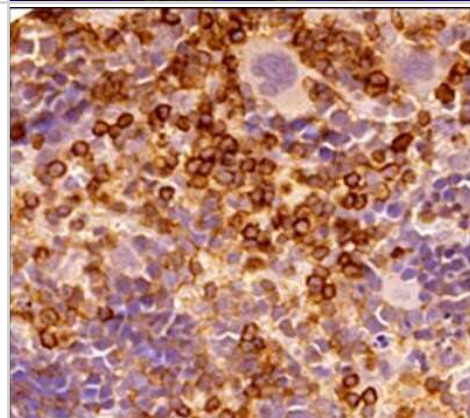
<b>Product Information</b>	
<b>Unit Size</b>	0.5 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	30-F11
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	145 kDa
<b>Product Description</b>	
<b>Host</b>	Rat
<b>Gene ID</b>	5788
<b>Gene Symbol</b>	PTPRC
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	CD45 Antibody (30-F11) shows reactivity with Human as reported in scientific literature (PMID: 29367423).
<b>Immunogen</b>	This CD45 Antibody (30-F11) - Azide and BSA Free was prepared from Mouse thymus or spleen.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, In vitro assay, In vivo assay, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	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

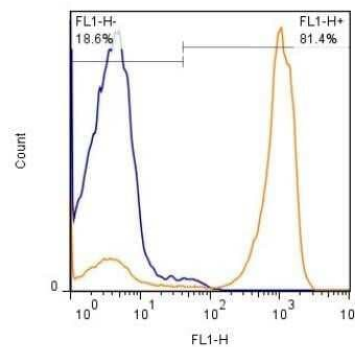
Immunocytochemistry/Immunofluorescence: CD45 Antibody (30-F11) - Azide and BSA Free [NBP2-80652] - Staining of a FFPE mouse liver tissue section using 1:100 dilution of CD45 antibody (30-F11). Signal was detected using AF488 conjugated donkey anti-rat secondary antibody at 1:500 dilution. Image submitted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



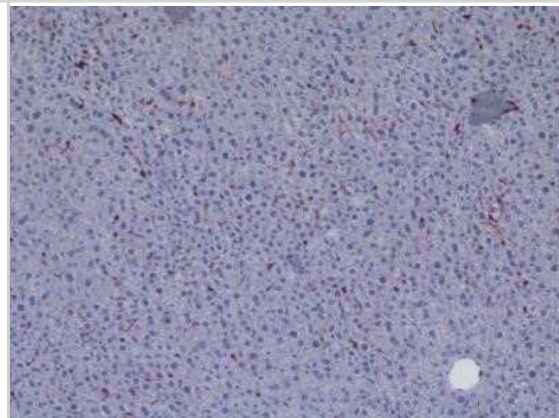
Immunohistochemistry-Paraffin: CD45 Antibody (30-F11) - Azide and BSA Free [NBP2-80652] - Analysis of FFPE section of mouse spleen using rat monoclonal CD45 antibody (30-F11) at 1:50 dilution. The antibody generated an expected membrane staining in the red and white pulp splenocytes of the tested spleen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



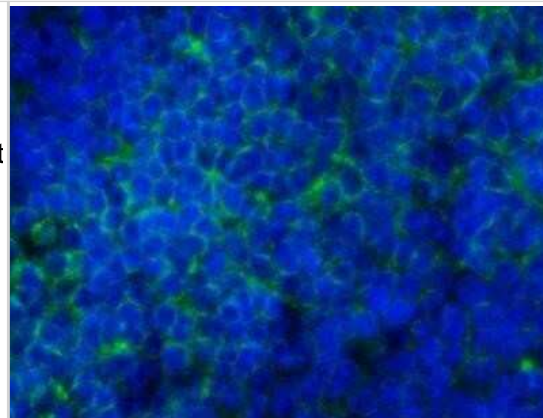
Flow Cytometry: CD45 Antibody (30-F11) - Azide and BSA Free [NBP2-80652] - Analysis of CD45 (30F11) in freshly isolated mouse (Balb C) splenocytes ( $1 \times 10^6$ ) were stained with CD45 antibody (30-F11) (NB100-77417) at 1:1000 dilution and detected with FITC conjugated donkey anti-rat IgG secondary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



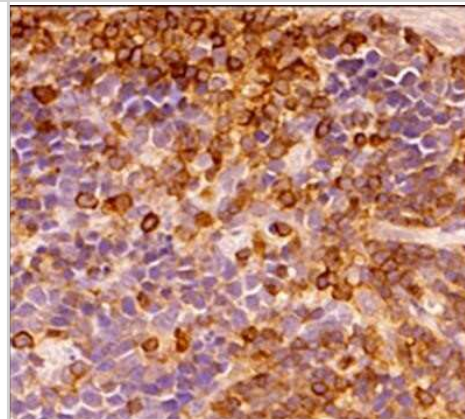
Immunohistochemistry: CD45 Antibody (30-F11) - Azide and BSA Free [NBP2-80652] - Analysis of a FFPE embedded tissue section of mouse liver using 1:100 dilution of CD45 antibody (30-F11). The signal was developed using AEC reagent based method with hematoxylin counterstaining. Image from the standard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

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NBP1-75398	Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed)
NBP1-43323-0.5mg	Rat IgG2b Kappa Light Chain Isotype Control (149/10H5)
NBP2-51591-0.02mg	Recombinant Human CD45 His Protein

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### **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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