

# Product Datasheet

## **B220/CD45R Antibody (RA3-6B2) - Chimeric - Azide and BSA Free** **NBP3-11980-0.2mg**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP3-11980-0.2mg**

B220/CD45R Antibody (RA3-6B2) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	RA3-6B2
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

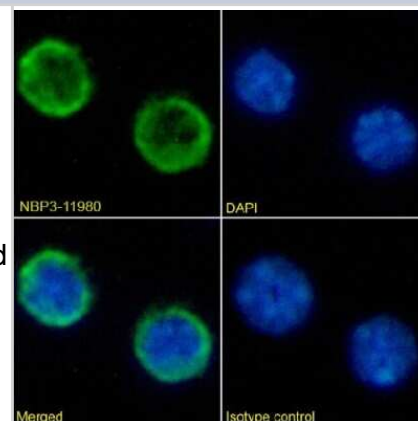
Product Description	
Description	Novus Biologicals Rabbit B220/CD45R Antibody (RA3-6B2) - Chimeric - Azide and BSA Free (NBP3-11980) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5788
Gene Symbol	PTPRC
Species	Mouse, Rabbit
Reactivity Notes	Use in Rabbit reported in PMID 31094704
Specificity/Sensitivity	This antibody is specific for murine B220/CD45R antigen which is expressed on B lymphocytes throughout their development from early pro-B stages onwards and is down-regulated upon terminal differentiation to plasma cells. Apart from B cells, B220/CD45R is expressed on a small subset of dendritic cells (plasmacytoid dendritic cells). The B220/CD45R mAb clone RA3-6B2 specifically recognizes the exon A-restricted isoform of mouse CD45.
Immunogen	This antibody was raised in Lou-M rats using a popliteal lymph node immunisation and fusion protocol

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

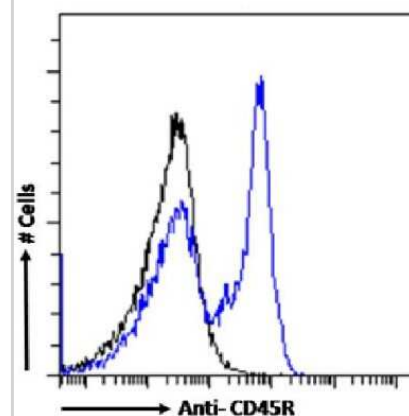


## Images

Immunocytochemistry/Immunofluorescence: B220/CD45R Antibody (RA3-6B2) - Chimeric [NBP3-11980] - Immunofluorescence analysis of paraformaldehyde fixed mouse splenocytes immobilized on Shi-fix(TM) cover-slips and stained with the chimeric rabbit IgG version of RA3-6B2 (NBP3-11980) at 10 ug/ml followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-11980, DAPI, merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody (NBP2-52638) followed by Alexa Fluor(R) 488 secondary antibody.



Flow Cytometry: B220/CD45R Antibody (RA3-6B2) - Chimeric [NBP3-11980] - Mouse splenocytes were stained with anti-Fluorescein IgG antibody (4-4-20; isotype control, black line) or the rabbit IgG1 version of RA3-6B2 (NBP3-11980, blue line) at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-rabbit IgG AlexaFluor(R) 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.





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### Products Related to NBP3-11980-0.2mg

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
210-TA-005	TNF-alpha [Unconjugated]

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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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