

# Product Datasheet

## MHC Class II RT1B Antibody (OX-6) - Azide and BSA Free NBP2-80849

Unit Size: 0.25 mg

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

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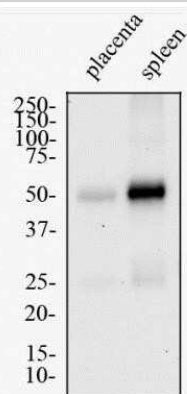
**NBP2-80849**

MHC Class II RT1B Antibody (OX-6) - Azide and BSA Free

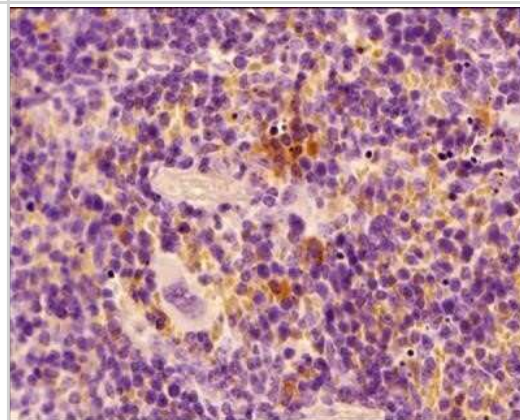
Product Information	
Unit Size	0.25 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OX-6
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse MHC Class II RT1B Antibody (OX-6) - Azide and BSA Free (NB100-65541) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	24738
Gene Symbol	RT1-B
Species	Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Rat thymocyte membrane glycoproteins
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:50-1:100, Immunohistochemistry-Frozen 1:10-1:500, CyTOF-ready
Application Notes	For IHC-Paraffin: This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose. PLP fixation is recommended for optimal results. This antibody is CyTOF ready.

## Images

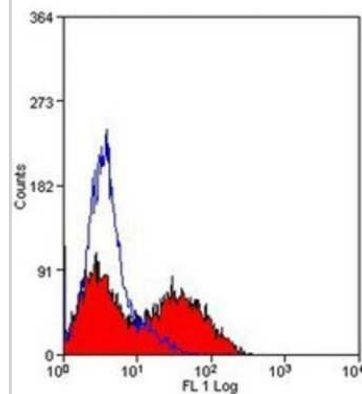
**Western Blot: MHC Class II RT1B Antibody (OX-6) - Azide and BSA Free [NBP2-80849]** - Total protein from mouse placenta and spleen was separated on a 12% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2.0 ug/ml anti-RT1b in 1% milk, and detected with an anti-mouse HRP secondary antibody using chemiluminescence. Image from the standard format of this antibody.



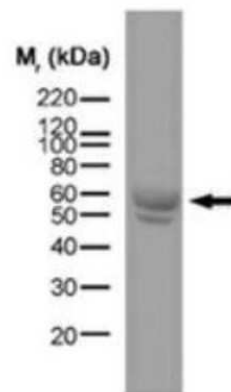
**Immunocytochemistry: MHC Class II RT1B Antibody (OX-6) - Azide and BSA Free [NBP2-80849]** - IHC analysis of a formalin fixed and paraffin embedded tissue section of mouse spleen using MHC Class II RT1B antibody (clone OX-6) at 1:100 dilution. The signal was developed using HRP-labelled secondary antibody and DAB reagent, and the nuclei were coun



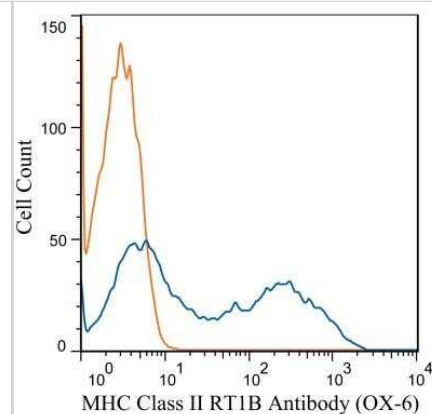
**Flow Cytometry: MHC Class II RT1B Antibody (OX-6) - Azide and BSA Free [NBP2-80849]** - Staining of rat splenocytes with Mouse anti Rat MHC class II RT1B Image from the standard format of this antibody.



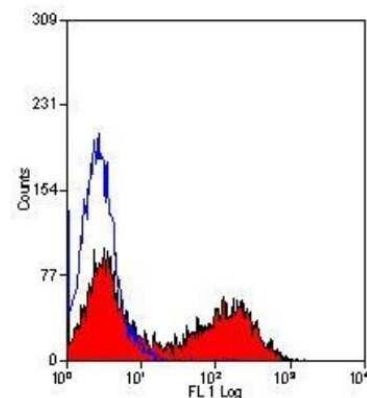
**Western Blot: MHC Class II RT1B Antibody (OX-6) - Azide and BSA Free [NBP2-80849]** - Rat Spleen Tissue lysate probed with MHC Class II antibody. Image from the standard format of this antibody.



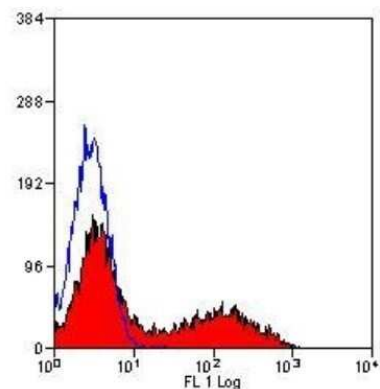
Flow Cytometry: MHC Class II RT1B Antibody (OX-6) - Azide and BSA Free [NBP2-80849] - Analysis using Alexa Fluor (R) 488 conjugate of NB100-65541. Rat Splenocytes were stained with MHC Class II RT1B (OX-6) antibody NB100-65541 (blue) and a matched isotype control NBP2-27287 (orange). Cells were incubated in an antibody dilution of 1 ug/mL for 20 minutes at room temperature. The antibodies were directly conjugated to Alexa Fluor 488.



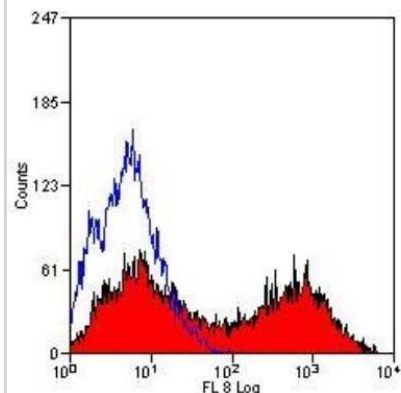
Flow Cytometry: MHC Class II RT1B Antibody (OX-6) - Azide and BSA Free [NBP2-80849] - Staining of rat spleen cells. Image from the standard format of this antibody.



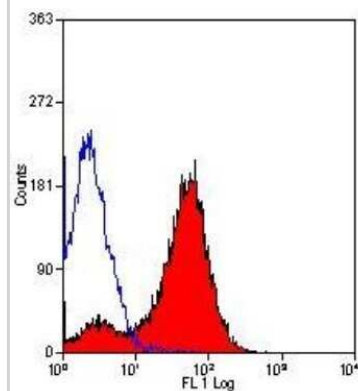
Flow Cytometry: MHC Class II RT1B Antibody (OX-6) - Azide and BSA Free [NBP2-80849] - Staining of rat spleen cells. Image from the standard format of this antibody.



Flow Cytometry: MHC Class II RT1B Antibody (OX-6) - Azide and BSA Free [NBP2-80849] - Staining of rat spleen cells. Image from the standard format of this antibody.



Flow Cytometry: MHC Class II RT1B Antibody (OX-6) - Azide and BSA Free [NBP2-80849] - Staining of rat spleen cells. Image from the standard format of this antibody.





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### **Products Related to NBP2-80849**

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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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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