

# Product Datasheet

## MHC Class II Antibody (A6-61.3) - BSA Free NBP3-45120-0.2mg

Unit Size: 0.2 mg

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

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Updated 9/9/2025 v.20.1

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**NBP3-45120-0.2mg**

MHC Class II Antibody (A6-61.3) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.2 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>	A6-61.3
<b>Preservative</b>	0.02% Proclin 300
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

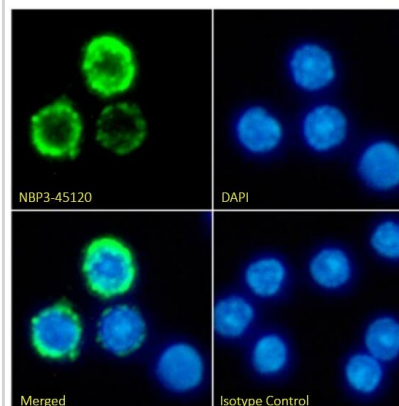
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse MHC Class II Antibody (A6-61.3) - BSA Free (NBP3-45120) is a recombinant monoclonal antibody validated for use in Radioimmunoassay. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3108
<b>Gene Symbol</b>	HLA-DMA
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	This antibody is specific for mouse I-A, haplotypes H-2k, d and q. It binds to the beta-chain of mouse Ia.
<b>Immunogen</b>	This antibody was obtained from a fusion of the non-producing plasmacytoma Ag8.653 with spleen cells from ATL mice that had been immunized with ATH spleen cells.

<b>Product Application Details</b>	
<b>Applications</b>	Radioimmunoassay
<b>Recommended Dilutions</b>	Radioimmunoassay

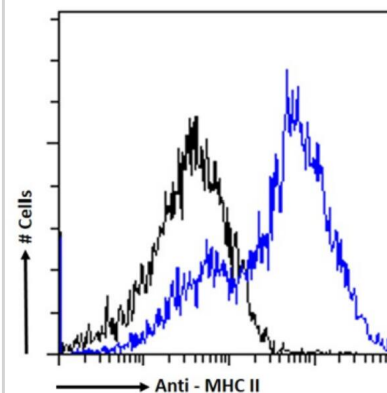


## Images

Immunocytochemistry/ Immunofluorescence: MHC Class II Antibody (A6-61.3) - BSA Free [NBP3-45120] - Immunofluorescence analysis of paraformaldehyde fixed mouse splenocytes on coverslips stained with NBP3-45120 at 10  $\mu\text{g/ml}$  for 1h followed by Alexa Fluor<sup>®</sup> 488 secondary antibody (2  $\mu\text{g/ml}$ ), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-45120, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor<sup>®</sup> 488 secondary antibody.



Flow Cytometry: MHC Class II Antibody (A6-61.3) - BSA Free [NBP3-45120] - Paraformaldehyde fixed mouse splenocytes were stained with anti-unknown specificity antibody ( isotype control, black line) or NBP3-45120 (blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor<sup>®</sup> 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.





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### **Products Related to NBP3-45120-0.2mg**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
664-LI-025	LIGHT/TNFSF14 [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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