

# Product Datasheet

## HLA DMA Antibody (5C9NB) - Azide and BSA Free NBP2-44301

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP2-44301**

HLA DMA Antibody (5C9NB) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5C9NB
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

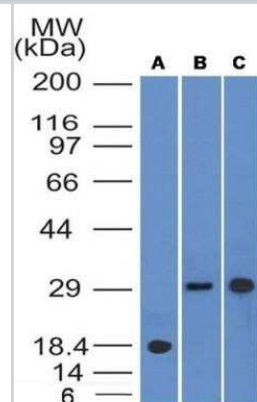
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse HLA DMA Antibody (5C9NB) - Azide and BSA Free (NBP2-44300) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3108
<b>Gene Symbol</b>	HLA-DMA
<b>Species</b>	Human
<b>Immunogen</b>	Partial recombinant human HLA DMA protein (between amino acids 10-300) [Entrez NP_006111]

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 2 ug/ml, Immunohistochemistry 1:200, Immunocytochemistry/ Immunofluorescence 10-20 ug/ml, Immunohistochemistry-Paraffin 1:200, Flow (Cell Surface) 2.5 ug / million cells

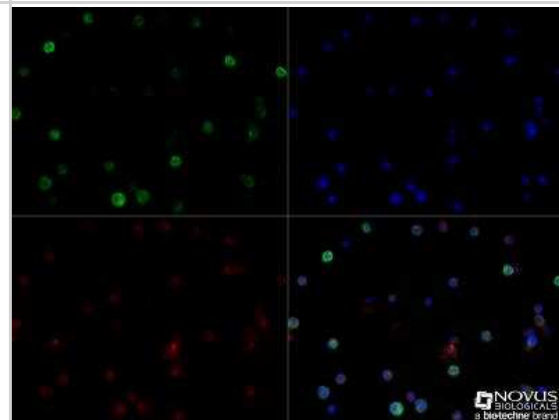


## Images

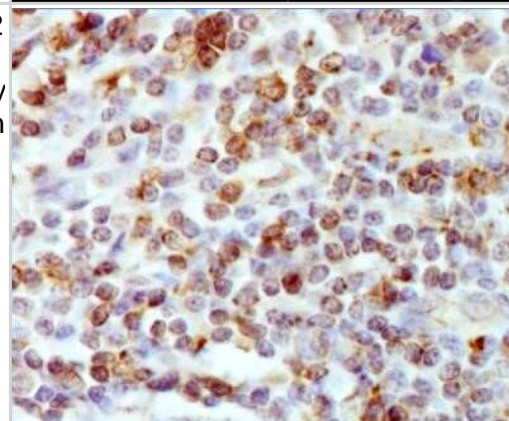
Western Blot: HLA DMA Antibody (5C9NB) - Azide Free [NBP2-44301] - Western blot analysis of HLA DMA (5C9NB) in A. partial recombinant human HLA DMA protein B. Ramos lysate and C. Raji lysate. Image using the standard format of this product.



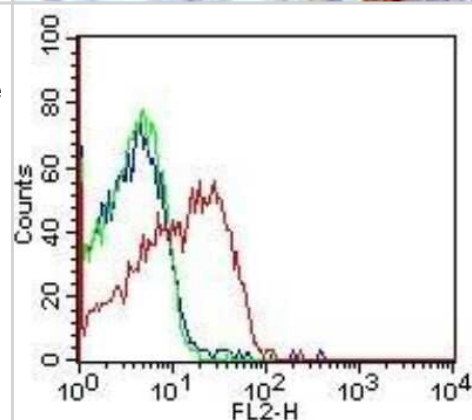
Immunocytochemistry/Immunofluorescence: HLA DMA Antibody (5C9NB) - Azide Free [NBP2-44301] - Daudi cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton-X100. The cells were incubated with anti-HLA DMA (5C9NB) [NBP2-44301-azide free] at a 1:40 dilution overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:500 dilution. Actin was detected with Phalloidin 568 (Red) at a 1:200 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Immunohistochemistry: HLA DMA Antibody (5C9NB) - Azide Free [NBP2-44301] - IHC analysis of a formalin fixed and paraffin embedded tissue section of normal human tonsil using 1:200 dilution of HLA DMA antibody (clone 5C9NB). The antibody generated a diffused to punctate staining in cellular membranes and cytoplasm, especially in the perinuclear region representing late endosomal localization of major histocompatibility complex, class II, DM alpha/HLA DMA protein. Image using the standard format of this product.



Flow (Cell Surface): HLA DMA Antibody (5C9NB) - Azide Free [NBP2-44301] - Human PBMC cells were stained (surface) with HLA DMA (5C9NB) antibody (red) or isotype control (mouse IgG1; green). Blue line represents cells alone. Positive staining was observed using PE conjugated mouse anti-IgG(H+L) secondary antibody. Live cells were gated (FL-2) for analysis.





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### **Products Related to NBP2-44301**

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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]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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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