

Product Datasheet

HLA-DR Antibody (L243) - Azide and BSA Free NBP2-80773

Unit Size: 0.1 ml

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

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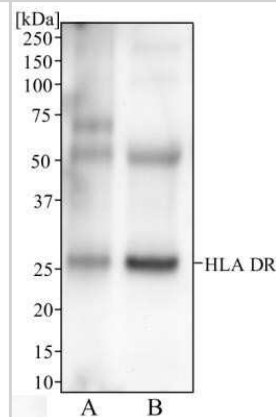
NBP2-80773

HLA-DR Antibody (L243) - Azide and BSA Free

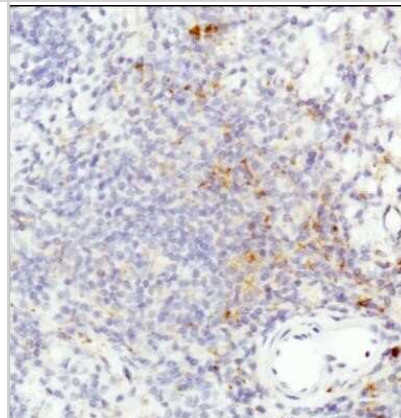
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	L243
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	28 kDa
Product Description	
Host	Mouse
Gene ID	3122
Gene Symbol	HLA-DRA
Species	Human, Canine, Baboon, Primate
Reactivity Notes	Predicted cross-reactivity with Chimpanzee, Baboon, Cynomolgus, Rhesus, Marmoset, Tamarin, Squirrel Monkey
Immunogen	Human lymphoblastoid cell line (RPMI 8866).
Product Application Details	
Applications	Western Blot, ELISA, Electron Microscopy, Flow Cytometry, Flow (Cell Surface), Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, In vitro assay, Immunoprecipitation, Block/Neutralize, CyTOF-ready, Dual RNAscope ISH-IHC
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry 0.5 ug/10 ⁶ cells, ELISA reported in scientific literature (PMID 11070170), Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 7835916), Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:100, Immunohistochemistry-Frozen 1:10 - 1:500, Functional reported in scientific literature (PMID 17900279), In vitro assay reported in scientific literature (PMID 19620786), Electron Microscopy reported in scientific literature (PMID 21660937), Flow (Cell Surface), CyTOF-ready, Block/Neutralize reported in scientific literature (PMID 12874328), Dual RNAscope ISH-IHC
Application Notes	It is recommended that the reagent be titrated for optimal performance for each application. This antibody is CyTOF ready.

Images

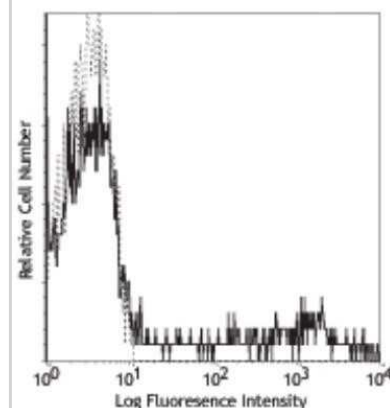
Western Blot: HLA-DR Antibody (L243) - Azide and BSA Free [NBP2-80773] - Analysis of human spleen (A) and human tonsil (B) tissue using HLA-DR antibody at 2 ug/mL. Image from the standard format of this antibody.



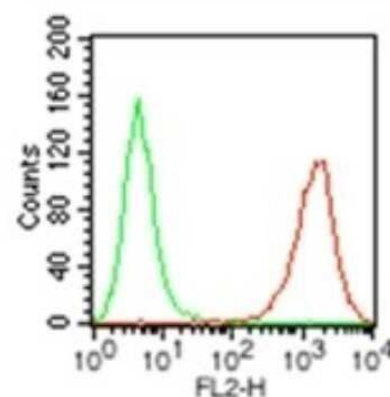
Immunohistochemistry: HLA-DR Antibody (L243) - Azide and BSA Free [NBP2-80773] - Staining of HLA-DR in human spleen using DAB with hematoxylin counterstain. Image from the standard format of this antibody.



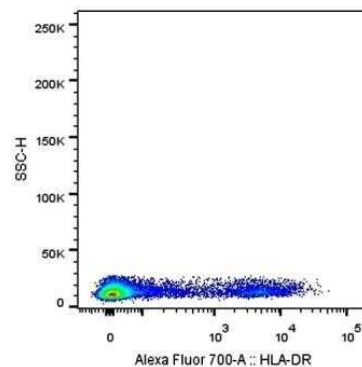
Flow Cytometry: HLA-DR Antibody (L243) - Azide and BSA Free [NBP2-80773] - Human peripheral blood lymphocytes stained with L243 PE. Image from the standard format of this antibody.



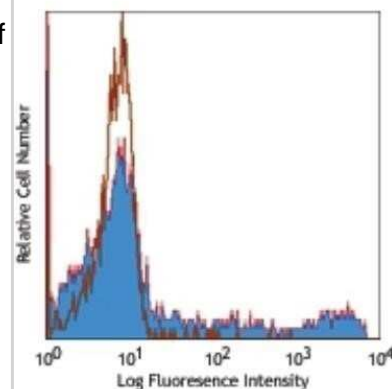
Flow (Cell Surface): HLA-DR Antibody (L243) - Azide and BSA Free [NBP2-80773] - Analysis using the Azide Free version of NB100-77855. Staining of HLA-DR expression by 5×10^5 BDCM cells using 0.5 ug of (red) and 0.5 ug of isotype control (green). This antibody and an anti-mouse IgG PE conjugated secondary antibody were used.



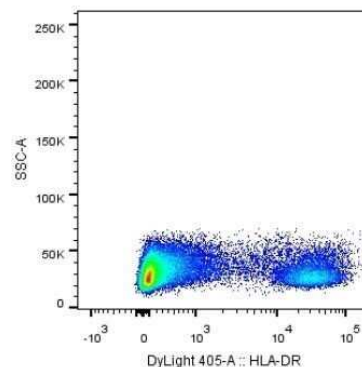
Flow Cytometry: HLA-DR Antibody (L243) - Azide and BSA Free [NBP2-80773] - Analysis using the Alexa Fluor (R) 700 conjugate of NB100-77855. Staining of HLA-DR protein in human PBMCs using HLA-DR antibody [clone L243; conjugated to Alexa Fluor (R) 700] at 1:100 with 25 minutes incubation at 4C in 2% human serum, 0.5 mM EDTA in DPBS. Image from verified customer review.



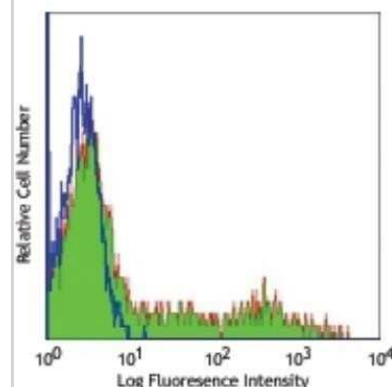
Flow Cytometry: HLA-DR Antibody (L243) - Azide and BSA Free [NBP2-80773] - Analysis using the Biotin conjugate of NB100-77855. Staining of Human peripheral blood lymphocytes with biotinylated L243, followed by Sav-PE.



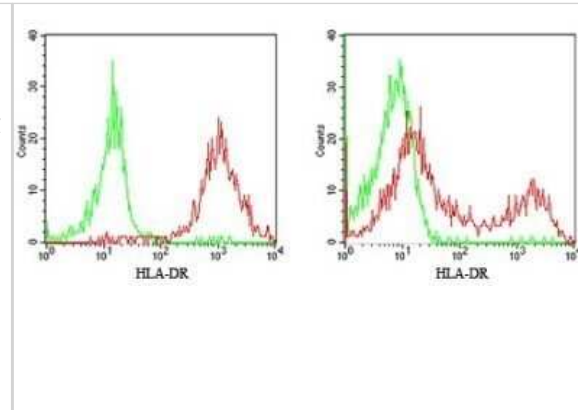
Flow Cytometry: HLA-DR Antibody (L243) - Azide and BSA Free [NBP2-80773] - Analysis using the DyLight 405 conjugate of NB100-77855. Staining of HLA-DR in human PBMCs using anti-HLA-DR antibody. Image from verified customer review.



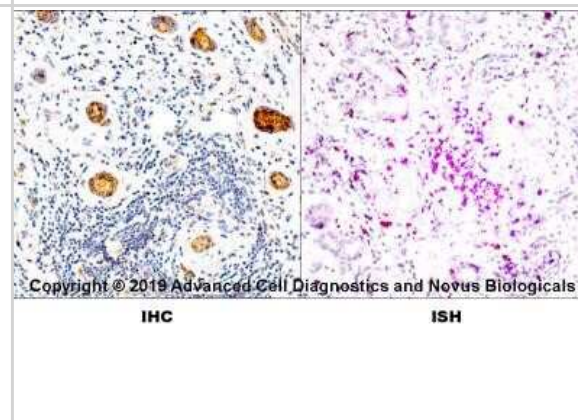
Flow Cytometry: HLA-DR Antibody (L243) - Azide and BSA Free [NBP2-80773] - Analysis using the FITC conjugate of NB100-77855. Staining of Human peripheral blood lymphocytes with L243 FITC.



Flow Cytometry: HLA-DR Antibody (L243) - Azide and BSA Free [NBP2-80773] - Analysis using the PerCP/Cy5.5 conjugate of NB100-77855. Staining of HLA-DR expression by 5×10^5 human PBMC using 10 μ L (0.25 μ g) of this antibody. Cell surface flow kit was used for this test. Left panel shows the monocyte gate, right panel shows the lymphocyte gate.



Dual RNAscope ISH-IHC: HLA-DR Antibody (L243) - Azide and BSA Free [NBP2-80773] - Formalin-fixed paraffin-embedded tissue sections of human metastatic tonsil were probed for HLA-DR mRNA (ACD RNAscope probe, catalog # 475891; Fast Red chromogen, ACD catalog # 322500). Adjacent tissue section was processed for immunohistochemistry using mouse monoclonal (Novus catalog # NB100-77855) at 1:50 dilution for 1 hour at room temperature followed by incubation with the anti-mouse IgG VisUCyte HRP Polymer Antibody (Catalog # VC001) and DAB chromogen (yellow-brown). Tissue was counterstained with hematoxylin (blue). Image from the standard format of this antibody.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-80773

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
210-TA-005	TNF-alpha [Unconjugated]

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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