Product Datasheet

HLA-DR Antibody (10-D8-R)
NBP3-32435

Unit Size: 100 ul

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

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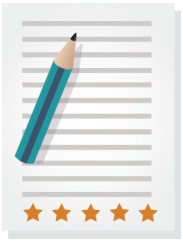


NBP3-32435

HLA-DR Antibody (10-D8-R)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	10-D8-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	29 kDa

Product Description

Host	Mouse
Gene ID	3122
Gene Symbol	HLA-DRA
Species	Human
Immunogen	Synthetic peptide within Human HLA-DR aa 25-66/254. (Uniprot: P01903)

Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:1000

Images

Western Blot: HLA-DR Antibody (10-D8-R) [NBP3-32435] - Western blot analysis of HLA-DR on different lysates with Mouse anti-HLA-DR antibody (NBP3-32435) at 1/1,000 dilution.

Lane 1: Raji cell lysate
Lane 2: HUT 102 cell lysate

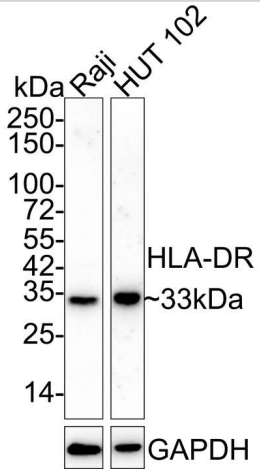
Lysates/proteins at 20 ug/Lane.

Predicted band size: 29 kDa
Observed band size: 33 kDa

Exposure time: 3 minutes;

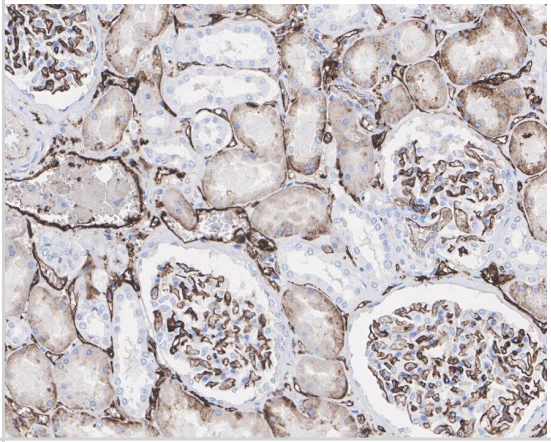
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32435) at 1/1,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



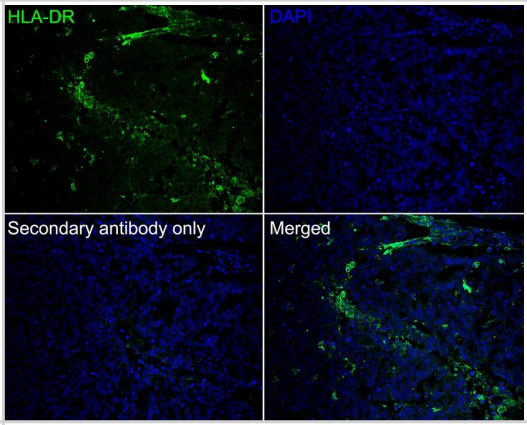
Immunohistochemistry: HLA-DR Antibody (10-D8-R) [NBP3-32435] - Immunohistochemical analysis of paraffin-embedded human kidney tissue with Mouse anti-HLA-DR antibody (NBP3-32435) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (NBP3-32435) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry: HLA-DR Antibody (10-D8-R) [NBP3-32435] - Immunofluorescence analysis of paraffin-embedded human stomach cancer tissue labeling HLA-DR with Mouse anti-HLA-DR antibody (NBP3-32435) at 1/100 dilution.

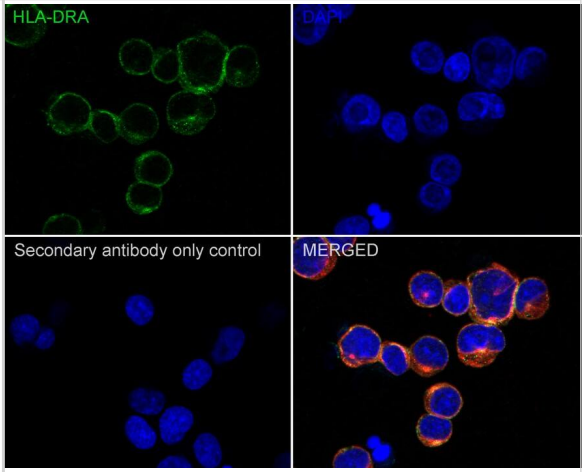
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-32435, green) at 1/100 dilution overnight at 4 □, washed with PBS. Goat Anti-Mouse IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).



Immunocytochemistry/ Immunofluorescence: HLA-DR Antibody (10-D8-R) [NBP3-32435] - Immunocytochemistry analysis of Daudi cells labeling HLA-DR with Mouse anti-HLA-DR antibody (NBP3-32435) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Mouse anti-HLA-DR antibody (NBP3-32435) at 1/100 dilution in 1% BSA in PBST overnight at 4 □. Goat Anti-Mouse IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

beta Tubulin (red) was stained at 1/100 dilution overnight at +4□. Goat Anti-Rabbit IgG H&L (iFluor™ 594) were used as the secondary antibody at 1/1,000 dilution.



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Products Related to NBP3-32435

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
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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