

HLA-DRB1 antibody [N1C3]

Cat. No. GTX104919

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC
Reactivity	Human

References (5)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000
IHC	Assay dependent

Not tested in other applications.

Product Note Based on sequence homology, this antibody may cross react with HLA-DRB3, HLA-DRB4, or HLA-DRB5 protein.

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.68 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human HLA-DRB1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

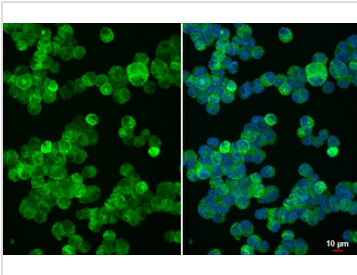


For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

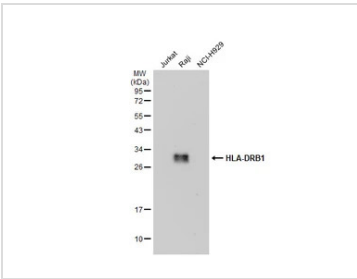
DATA IMAGES

GTx104919 ICC/IF Image

HLA-DRB1 antibody [N1C3] detects HLA-DRB1 protein at cell membrane by immunofluorescent analysis.

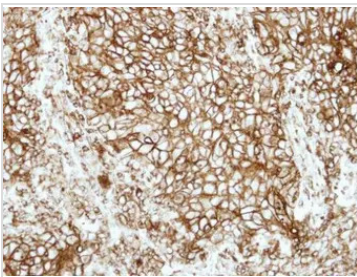
Sample: Raji cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: HLA-DRB1 stained by HLA-DRB1 antibody [N1C3] (GTx104919) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).

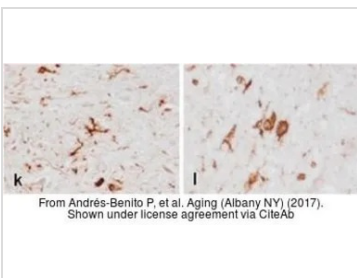

GTx104919 WB Image

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with HLA-DRB1 antibody [N1C3] (GTx104919) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx104919 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma, using HLA-DRB1 (GTx104919) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


GTx104919 IHC Image

The data was published in the journal Aging (Albany NY) in 2017. [PMID: 28283675](https://pubmed.ncbi.nlm.nih.gov/28283675/)



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