Recombinant HLA-DPA1 Monoclonal Antibody

catalog number: AN301550L

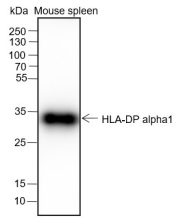
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Recombinant human HLA-DPA1 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A249
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:200-1:1000
IF	1:50

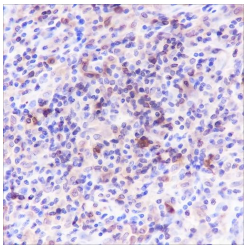
Data



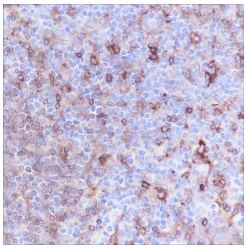
Western Blot with HLA-DPA1 Monoclonal Antibody at dilution of 1:1000. Lane 1: Mouse spleen

Observed-MW:33 kDa

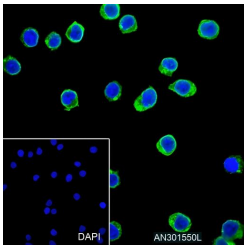
Calculated-MW:29 kDa



Immunohistochemistry of paraffin-embedded Human lymphoma using HLA-DPA1 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human tonsil using HLA-DPA1 Monoclonal Antibody at dilution of 1:1000.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed Ramos cells using anti-HLA-DPA1 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
Web: www.elabscience.com
Tel: 1-832-243-6086
Email: techsupport@elabscience.com
Fax: 1-832-243-6017

Binds peptides derived from antigens that access the endocytic route of antigen presenting cells (APC) and presents them on the cell surface for recognition by the CD4 T-cells. The peptide binding cleft accommodates peptides of 10-30 residues. The peptides presented by MHC class II molecules are generated mostly by degradation of proteins that access the endocytic route, where they are processed by lysosomal proteases and other hydrolases. Exogenous antigens that have been endocytosed by the APC are thus readily available for presentation via MHC II molecules, and for this reason this antigen presentation pathway is usually referred to as exogenous.

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