

Product Datasheet

HLA-DPB1 Rabbit Polyclonal Antibody (orb5450)

Catalog Number	orb5450
Category	Antibodies
Description	HLA-DPB1 Rabbit Polyclonal Antibody
Target	HLA-DPB1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Mouse
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human HLA-DPB1 (101-210/258aa)
UniProt ID	P04440
RRID	AB_10919288

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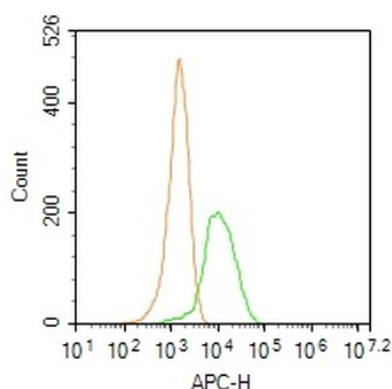
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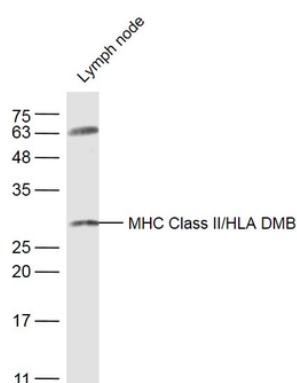
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MW	29 kDa
Tested applications	FC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=0.2ug/test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control: Mouse spleen. Primary Antibody (green line): Rabbit Anti-MHC Class II/HLA DMB/AF647 Conjugated antibody, dilution: 0.2 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG-AF647. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. The cells were stained with Primary Antibody for 30 min at room temperature. Acquisition of 20000 events was performed.



Sample: Lymph node (Mouse) Lysate at 40 ug, Primary: Anti-MHC Class II/HLA DMB (orb5450) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 29 kD, Observed band size: 29 kD.

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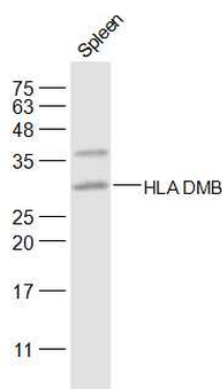
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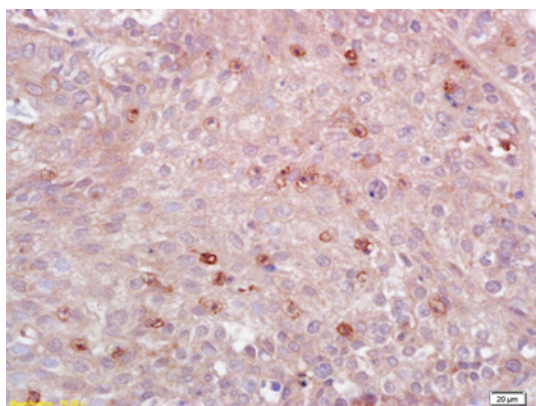
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Sample: Spleen (Mouse) Lysate at 40 ug, Primary: Anti-HLA DMB (orb5450) at 1/500 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 29 kD, Observed band size: 29 kD.



Tissue/Cell: human lung carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-MHC Class II/HLA-DPB1 Polyclonal Antibody, Unconjugated (orb5450) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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