

Catalog #: 52727

Aliases

HLA-DQB1; Major Histocompatibility Complex, Class II, DQ Beta 1; CELIAC1; HLA-DQB; IDDM1; HLA Class II Histocompatibility Antigen, DQ Beta 1 Chain; MHC Class II Antigen DQB1; MHC Class II HLA-DQ Beta Glycoprotein; MHC Class II Antigen HLA-DQ-Beta-1; MHC Class II DQ Beta Chain; HLA-DQB2; Major Histocompatibility Complex, Class II, DQ Beta 2; HLA-DXB; HLA Class II Histocompatibility Antigen, DQ Beta 2 Chain; HLA Class II Histocompatibility Antigen, DX Beta Chain; MHC Class II Antigen DQB2; DV19.1 (Major Histocompatibility Complex, Class II, DQ Beta 2 (HLA-DXB)); HLA-DQB1; DQB2

Background

Gene Name: HLA-DQB1/HLA-DQB2

NCBI Gene Entry: [3119/3120](#)

UniProt Entry: [P01920/P05538](#)

Application Information

Molecular Weight: Predicted, 30 kDa; observed, 30 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human HLA-DQB1/2

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:2,000

Immunohistochemistry (IHC): 1:100-1:300

SUPPORT

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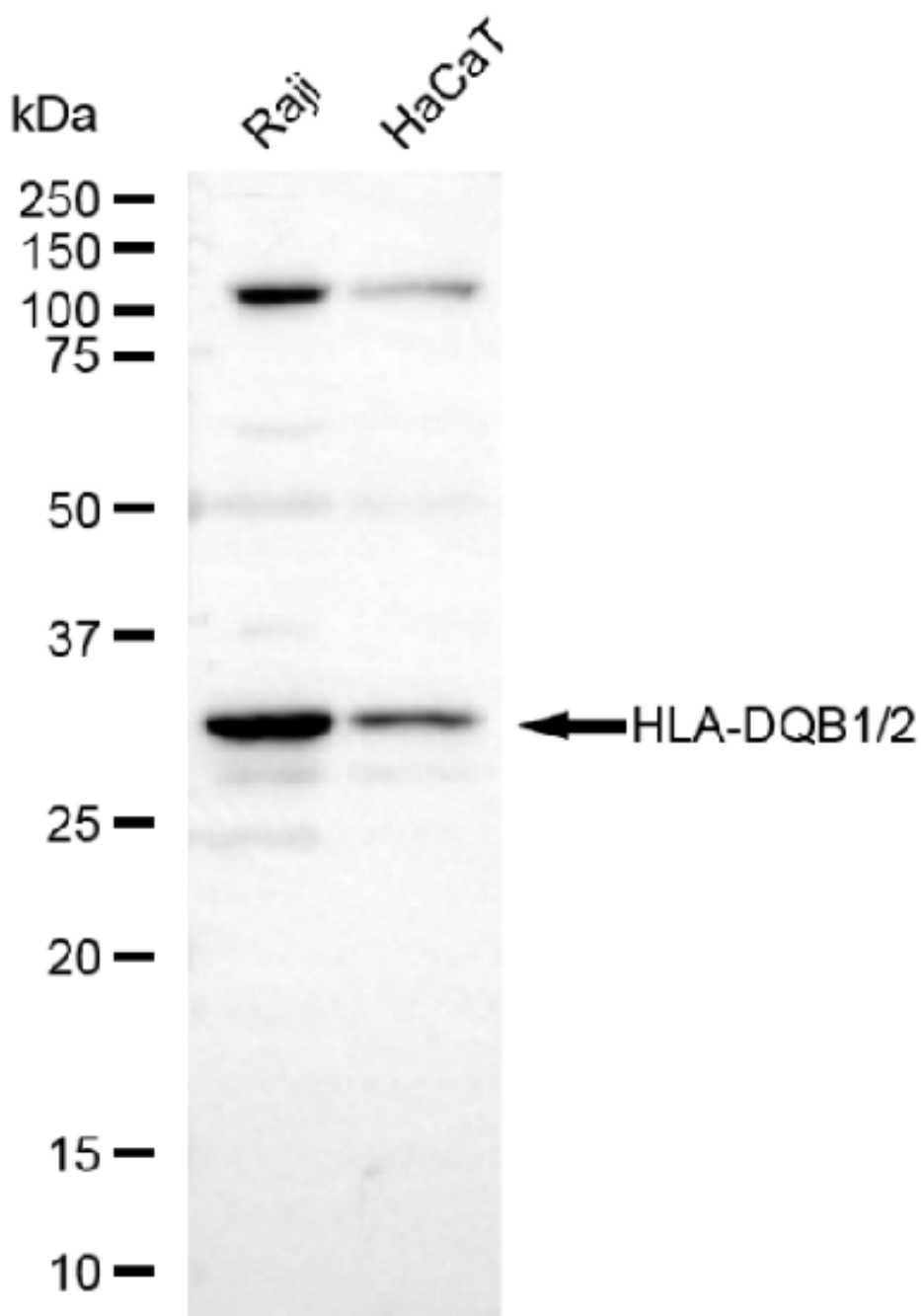
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Immunocytochemistry (IC): 1:50-1:200

Note: This product is for research use only.

Validation Data



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Western blotting analysis using anti-HLA-DQB1/2 antibody (Cat#52727). Total lysates (30 µg)

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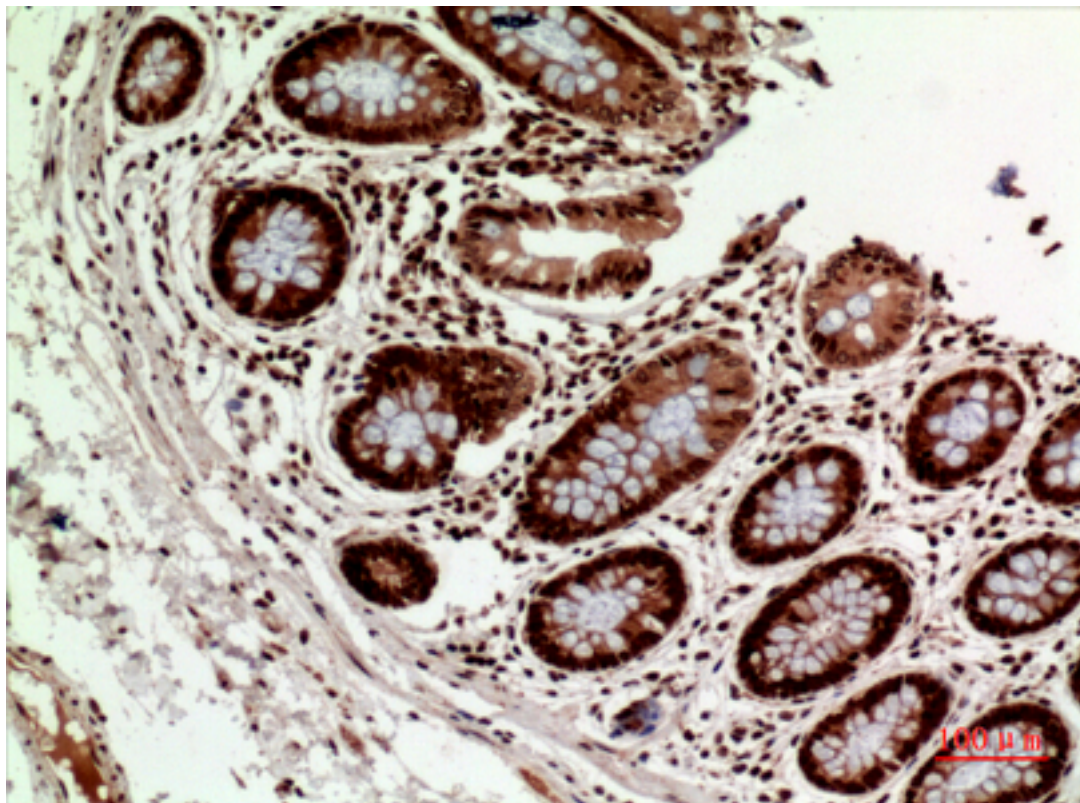
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were loaded and separated by SDS-PAGE. The blot was incubated with anti-HLA-DQB1/2 antibody (Cat#52727, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Immunohistochemical analysis of paraffin-embedded human-colon, anti-HLA-DQB1/2 antibody was diluted at 1:100.