ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-HLA-DQA2 & HLA-DQA1 Antibody

Item Number	dAP-2230
Target Molecule	Principle Name: HLA-DQA2 & HLA-DQA1; Official Symbol: HLA-DQA2; All Names and Symbols: HLA-DQA2; major histocompatibility complex, class II, DQ alpha 2; HLA-DXA; DX alpha chain; HLA class II histocompatibility antigen, DQ alpha 2 chain; HLA class II histocompatibility antigen, DQ(6) alpha chain; HLA-DQA1; MHC class II DQA2; Accession Number (s): NP_064440.1; NP_002113.2; Human Gene ID(s): 3118; 3117; Non-Human GeneID(s):
Immunogen	QGLRSVGASRH, is from C Terminus This antibody is expected to recognize: NP_064440.1 (HLA-DQA2; GeneID: 3118) and also the very similar NP_002113.2 (HLA-DQA1; GeneID:3117).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 28kDa band observed in Human Bone Marrow lysates (calculated MW of 28.0kDa according to NP_064440.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Davila S, Froeling FE, Tan A, Bonnard C, Boland GJ, Snippe H, Hibberd ML, Seielstad M, New genetic associations detected in a host response study to hepatitis B vaccine. Genes and immunity 2010 Apr 11 (3): 232-8..PMID: 20237496->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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