Anti-HLA-A2 [UL-5 A1] Standard Size Ab03373-1.1

Isotype and Format: Mouse IgG1, Lambda
Clone Number: UL-5 A1
Alternative Name(s) of Target: HLA-A; Human leukocyte antigen A; HLA class I histocompatibility antigen; A-2 alpha chain; MHC class I antigen A-2 HLA-A; HLA class I histocompatibility antigen A-28 alpha chain; HLA class I histocompatibility antigen; A-28 alpha chain; MHC class I antigen A-28; HLA-DRA; HLA-DRA1; HLA class II histocompatibility antigen DR alpha chain; MHC class II antigen DRA; Fab-5 A1
UniProt Accession Number of Target Protein: P01903; P04439
Published Application(s): FC
Published Species Reactivity: Human
Immunogen:
Specificity: This antibody recognizes a conformational epitope formed by the HLA-DR1 and the HLA-A2 peptide 'SDWRFLRGYHQYA' and binds to pMHC-II in a similar fashion as T cells.
Application Notes: The specificity of this antibody to recognize peptide/MHC complex epitope on HLA-A2+, -DR1/DRB1*0101+ typed lymphoblast cell lines was tested using flow cytometry. This antibody can also recognize HLA-A2-,-DR1/DRB1*0101+ LCLs exogenously loaded with HLA-A2 peptides (105-117, 103-117) (PMID: 9805656).
Antibody First Published in: Löffler et al. Recognition of HLA-DR1/DRB1*0101 molecules presenting HLA-A2 derived peptides by a human recombinant antibody, Fab-5 A1. Eur J Immunogenet. 1998 Oct;25(5):339-47. PMID:9805656
Note on publication: Describes the generation of a Fab version of an antibody which recognizes a conformational epitope formed by the HLA-DR1 and the HLA-A2 peptide.

Product Form

Size: 200 µg Purified antibody.
Purification: Protein A affinity purified
Supplied In: PBS with 0.02% Proclin 300.
Storage Recommendation: Store at 4ºC for up to 3 months. For longer storage, aliquot and store at -20ºC.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.