

DR-4 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251951

Unit: 0.1 mg

Description:

HLA class II histocompatibility antigen, DRB1-4 beta chain (DR-4) is a heterodimer of an alpha and a beta subunit; also referred as MHC class II molecule. DR-4 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.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H

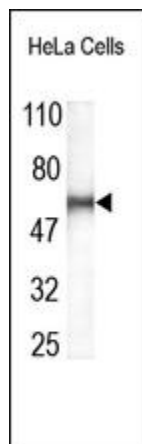
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: HLA class II histocompatibility antigen, DRB1-4 beta chain; MHC class II antigen DRB1*4; DR-4; DR4; HLA-DRB1

Accession No.: P13760

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DR-4.

Application Notes: E: 1:10,000-1:50,000; WB: 1:100-1:1,000



The DR-4 Antibody is used in Western blot to detect DR-4 in HeLa cell lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.