Anti-Human CD1C Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA06385

3th Edition

Description: This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene is broadly distributed throughout the endocytic system via a tyrosine-based motif in the cytoplasmic tail. Alternatively spliced transcript variants of this gene have been observed, but their full-length nature is not known.CD1C (CD1c Molecule) is a Protein Coding gene. Diseases associated with CD1C include Mycobacterium Malmoense and Foramen Magnum Meningioma. Among its related pathways are Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell and Innate Immune System. GO annotations related to this gene include beta-2-microglobulin binding and lipopeptide binding. An important paralog of this gene is CD1B.

Antigen: Synthesized peptide derived from the Internal region of human CD1C.

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed on cortical thymocytes, on certain T-cell leukemias, and in various other tissues.