

Product datasheet for TA361864

CD1 (CD1D) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human
Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human CD1D

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 37 kDa

Gene Name: CD1d molecule

Database Link: NP 001757.1

Entrez Gene 912 Human

P15813



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Background:

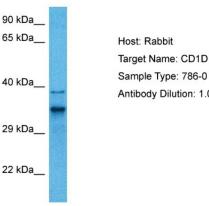
This gene encodes a divergent member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens 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 localizes to late endosomes and lysosomes via a tyrosine-based motif in the cytoplasmic tail. Two transcript variants encoding different isoforms have been found for this gene.

Synonyms: CD1A; MGC34622; R3; R3G1

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Hematopoietic cell lineage

Product images:



Sample Type: 786-0 Cell Lysate

Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: CD1D

Sample Tissue: Human 786-0 Whole Cell lysates

Antibody Dilution: 1ug/ml