

Datasheet for ABIN3030369
anti-CD1d antibody (AA 177-206)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	CD1d (CD1D)
Binding Specificity:	AA 177-206
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD1d antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 177-206 from the human protein was used as the immunogen for this CD1d antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	CD1d (CD1D)
Alternative Name:	CD1d (CD1D Products)
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

Target Details

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.

UniProt: [P15813](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Application Notes: Titration of the CD1d antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

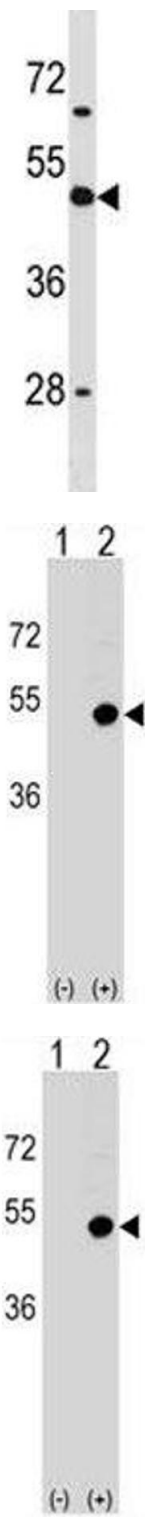
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot the CD1d antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. CD1d antibody western blot analysis in K562 lysate

Western Blotting

Image 2. Western blot analysis of CD1d antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the CD1D gene.

Western Blotting

Image 3. Western blot analysis of CD1d antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the CD1D gene.