

Datasheet for ABIN3030364
anti-CD1a antibody (AA 75-104)



[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	CD1a
Binding Specificity:	AA 75-104
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD1a antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 75-104 from the human protein was used as the immunogen for this CD1a antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	CD1a
Alternative Name:	CD1a (CD1a Products)
Background:	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

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 the plasma membrane and to recycling vesicles of the early endocytic system. Alternatively spliced transcript variants have been observed, but their biological validity has not been determined.

UniProt: [P06126](#)

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

Application Details

Application Notes: Titration of the CD1a antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

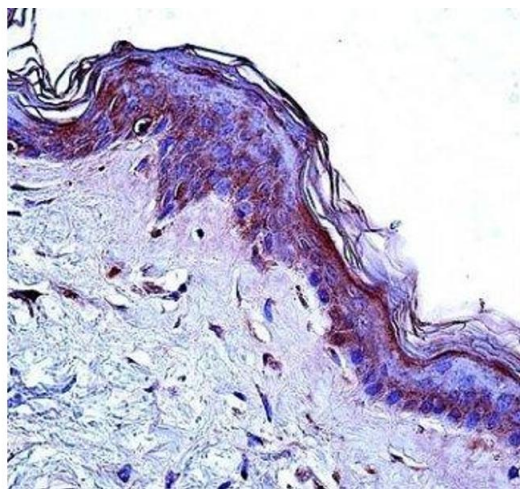
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

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

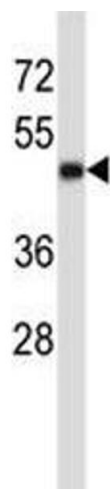
Storage: -20 °C

Storage Comment: Aliquot the CD1a antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



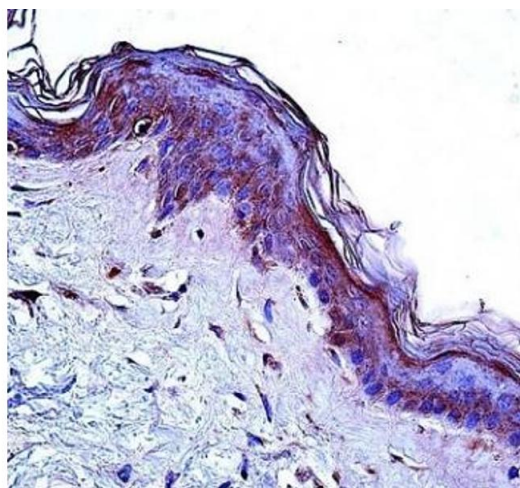
Immunohistochemistry

Image 1. CD1a antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human skin tissue.



Western Blotting

Image 2. CD1a antibody western blot analysis in MDA-MB231 lysate. Predicted molecular weight: 37~49 kDa.



Immunohistochemistry

Image 3. CD1a antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human skin tissue.