Datasheet for ABIN5611269
anti-CD1b antibody (AA 18-303)
4 Images


Overview

| Quantity: | 0.1 mg |
| :--- | :--- |
| Target: | CD1b (CD1B) |
| Binding Specificity: | AA 18-303 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Application: | Immunocytochemistry (ICC), Neutralization (Neut) |

Product Details

| Immunogen: | Purified recombinant fragment of human CD1B (AA: extra 18-303) expressed in E. coli. |
| :--- | :--- |
| Clone: | 1D6B7 |
| Isotype: | IgG2b |
| Purification: | purified |

Target Details

| Target: | CD1b (CD1B) |
| :--- | :--- |
| Alternative Name: | CD1B (CD1B Products) |
| Background: | Description: This gene encodes a member of the CD1 family of transmembrane glycoproteins, <br> which are structurally related to the major histocompatibility complex (MHC) proteins and form <br> 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, and requires vesicular acidification to bind lipid antigens. <br> Aliases: R1, CD1, CD1A |
| :---: | :---: |
| Molecular Weight: | 37 kDa |
| Gene ID: | 910 |
| HGNC: | 910 |
| Application Details |  |
| Application Notes: | ELISA: 1:10000, WB: 1:500-1:2000, ICC: N/A, FCM: 1:200-1:400, IHC: N/A |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Buffer: | Purified antibody in PBS with 0.05 \% 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: | $4^{\circ} \mathrm{C} /-20^{\circ} \mathrm{C}$ |
| Storage Comment: | $4^{\circ} \mathrm{C},-20^{\circ} \mathrm{C}$ for long term storage |



Please check the product details page for more images. Overall 4 images are available for ABIN5611269.

