

## ARG66344 anti-CD1a antibody [SQab1894]

Package: 100 µl  
Store at: -20°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | Recombinant Rabbit Monoclonal antibody [SQab1894] recognizes CD1a   |
| Tested Reactivity   | Hu  |
| Tested Application  | IHC-P, WB   |
| Host                | Rabbit  |
| Clonality           | Monoclonal  |
| Clone               | SQab1894  |
| Isotype             | IgG   |
| Target Name         | CD1a  |
| Species             | Human   |
| Immunogen           | Synthetic peptide within aa. 1-100 of Human CD1a.   |
| Conjugation         | Un-conjugated   |
| Alternate Names     | R4; FCB6; CD antigen CD1a; T6; T-cell surface antigen T6/Leu-6; hTa1 thymocyte antigen; T-cell surface glycoprotein CD1a; CD1; HTA1 |

### Application Instructions

|                   |  |                |
|-------------------|--|----------------|
| Application table | Application  | Dilution       |
|                   | IHC-P  | 1:100 - 1:200  |
|                   | WB   | 1:500 - 1:2000 |
| Application Note  | IHC-P: Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0), primary antibody incubate at RT for 30 min.<br>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |                |
| Observed Size     | 45-50 kDa  |                |

### Properties

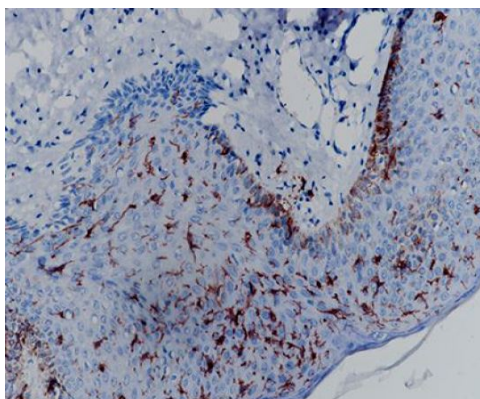
|                     |   |
|---------------------|---|
| Form                | Liquid  |
| Purification        | Purification with Protein A.  |
| Buffer              | PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.  |
| Preservative        | 0.01% Sodium azide  |
| Stabilizer          | 40% Glycerol and 0.05% BSA  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

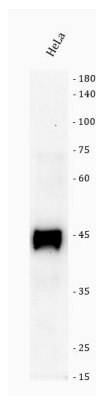
|                |   |
|----------------|---|
| Gene Symbol    | CD1A  |
| Gene Full Name | CD1a molecule   |
| Background     | This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily 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. [provided by RefSeq, Jul 2008] |
| Function       | Antigen-presenting protein that binds self and non-self lipid and glycolipid antigens and presents them to T-cell receptors on natural killer T-cells. [UniProt]  |
| Highlight      | Related products:<br><a href="#">CD1a antibodies</a> ; <a href="#">Anti-Rabbit IgG secondary antibodies</a> ;<br>Related news:<br><a href="#">Cancer Pathology Markers (SQ clones)</a><br><a href="#">Detecting exosomal HMGB1 for ICD research</a>   |
| Calculated Mw  | 37 kDa  |

## Images



ARG66344 anti-CD1a antibody [SQab1894] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded skin tissue stained with ARG66344 anti-CD1a antibody [SQab1894]. Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0).



ARG66344 anti-CD1a antibody [SQab1894] WB image (Customer review)

Western blot: HeLa stained with ARG66344 anti-CD1a antibody [SQab1894] at 1:500 dilution.