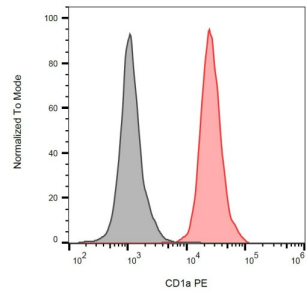
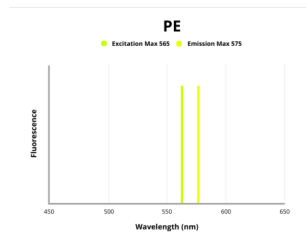


# T-cell Surface Glycoprotein CD1a (CD1A) Antibody (PE)

Catalogue No.:abx139081



Detection of human CD1a on the surface of MOLT-4 cells using anti-human CD1a PE.



Fluorescence emission spectra of PE.

CD1a Antibody is a Mouse Monoclonal against CD1a.

**Target:** T-cell Surface Glycoprotein CD1a (CD1A)

**Clonality:** Monoclonal

**Clone:** P392

**Reactivity:** Human

**Tested Applications:** FCM

**Host:** Mouse

**Recommended dilutions:** FCM: 20 µl/100 µl of whole blood or 10<sup>6</sup> cells. Validated in IHC-F. Optimal dilutions/concentrations should be determined by the end user. The content of a vial (2 ml) is sufficient for 100 tests.

**Conjugation:** PE

**Excitation/Emission:** 565/575

**Laser Line:** 550

**Immunogen:** Human Thymocytes.

# Datasheet

Version: 3.0.0  
Revision date: 07 Jun 2025



|                            |                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Isotype:</b>            | IgG <sub>1</sub>                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage:</b>            | Store in the dark at 2-8°C. Avoid exposure to light. Do not freeze.                                                                                                                                                                                                                                                                                            |
| <b>UniProt Primary AC:</b> | P06126 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                                                                                                                                                                                                                                    |
| <b>Gene Symbol:</b>        | CD1A                                                                                                                                                                                                                                                                                                                                                           |
| <b>GeneID:</b>             | <a href="#">909</a>                                                                                                                                                                                                                                                                                                                                            |
| <b>KEGG:</b>               | hsa:909                                                                                                                                                                                                                                                                                                                                                        |
| <b>String:</b>             | <a href="#">9606.ENSP00000289429</a>                                                                                                                                                                                                                                                                                                                           |
| <b>Buffer:</b>             | Stabilizing PBS solution containing 15 mM sodium azide.                                                                                                                                                                                                                                                                                                        |
| <b>Specificity:</b>        | <p>The antibody reacts with CD1a (T6), a 49 kDa polypeptide associated with beta2-microglobulin expressed on cortical thymocytes (strongly), Langerhans cells, dendritic cells and some T cell leukemias and lymphomas.</p> <p>The antibody does not react with peripheral blood T and B lymphocytes, monocytes, granulocytes, platelets and erythrocytes.</p> |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.                                                                                                                                                                                                                     |