

## PE-Cyanine7 Anti-Human CD45 (2D1) Antibody

Catalog # ATB10449

## **Specification**

## PE-Cyanine7 Anti-Human CD45 (2D1) Antibody - Product Information

Application FC

Isotype Mouse IgG1, kappa

Reactivity Huma

#### PE-Cyanine7 Anti-Human CD45 (2D1) Antibody - Additional Information

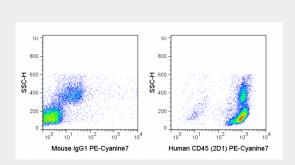
Gene ID **5788** 

### PE-Cyanine7 Anti-Human CD45 (2D1) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# PE-Cyanine7 Anti-Human CD45 (2D1) Antibody - Images



Human PBMCs were stained with 5 uL (0.25 ug) PE-Cyanine7 Anti-Human CD45 (ATB10449) (right panel) or 0.25 ug PE-Cyanine7 Mouse IgG1 isotype control (left panel).

### PE-Cyanine7 Anti-Human CD45 (2D1) Antibody - Background

human CD45, one of the most abundant hematopoietic markers and one that is expressed on all leukocytes (the Leukocyte Common Antigen, LCA). CD45 is a protein tyrosine phosphatase existing in several isoforms, each being generated and expressed in cell-specific patterns. With its broad cell distribution, CD45 is critical for many leukocyte functions, regulating signal transduction and cell activation associated with the T cell receptor, B cell receptor, and IL-2 receptor. Other forms of CD45, with restricted cellular expression, include CD45R (B220), CD45RA, CD45RB, and CD45RO.