

CD72 Monoklonaler Antikörper

Katalog-Nr.: PE-65157

Allgemeine Informationen

Katalog-Nr.:

PE-65157

Größe:

100 tests, 20 µl / test

Wirt:

Maus

Isotyp:

Mouse IgG2b

GenBank-Zugangsnummer:

BC011734

GeneID (NCBI):

971

Vollständiger Name:

CD72 molecule

Reinigungsmethode:

Der gereinigte Antikörper ist mit R-Phycoerythrin (PE) unter optimalen Bedingungen konjugiert. Das Konjugat wird mit Größenausschluss-Chromatographie gereinigt.

CloneNo.:

3F3

Anregungs-/Emissionsmaxima-Wellenlängen:

496 nm, 565 nm / 578 nm

Anwendungen

Geprüfte Anwendungen:

FC

Getestete Reaktivität:

Human

Hintergrundinformationen

CD72 is a type II transmembrane glycoprotein of 39-45 kDa and is expressed as a disulphide-linked homodimer (PMID: 1711157). CD72 is a pan B-cell marker covering the full range of differentiation from the very early stages of B cells to mature surface Ig⁺ B cells (PMID: 1384316). It is expressed in all stages of B cell development except plasma cells. CD72 is also expressed by dendritic cells, tissue macrophages in the red pulp of the spleen and von Kupffer cells in the liver (PMID: 8561576; 1384316). CD72 is the ligand for CD5 (PMID: 1711157). CD72 is a negative regulator of BCR signaling (PMID: 9590210). Interaction of CD100 with CD72 strictly tunes the strength of BCR signals and is essential for maintaining immunological homeostasis as well as generating a proper immune response (PMID: 16113236).

Lagerung

Lagerungsbedingungen:

Bei 2-8°C lagern. Vor Licht schützen.

Lagerungspuffer:

PBS mit 0,1% Natriumazid.

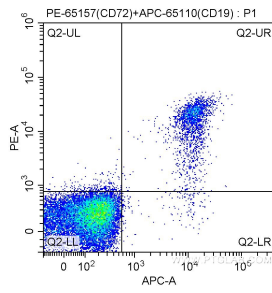
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

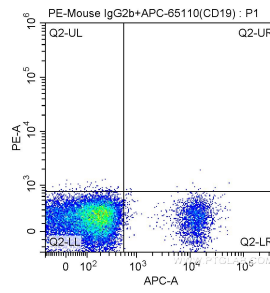
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



1X10⁶ human peripheral blood lymphocytes were surface stained with APC Anti-Human CD19 (APC-65110, Clone:H1B19) and 20.00 ul/test PE Anti-Human CD72 (PE-65157, Clone:3F3). Cells were not fixed.



1X10⁶ human peripheral blood lymphocytes were surface stained with APC Anti-Human CD19 (APC-65110, Clone:H1B19) and PE mouse IgG2b isotype control antibody. Cells were not fixed.