Recombinant CD72 Monoclonal Antibody

catalog number: **AN301914L**

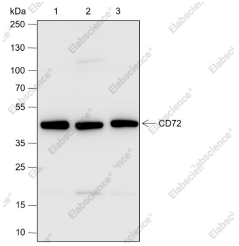
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant human CD72 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C331535
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:5000

Data



Western Blot with CD72 Monoclonal Antibody at dilution of 1:5000. Lane 1: Ramos, Lane 2: HeLa, Lane 3: Raji

Observed-MW:40 kDa

Calculated-MW:40 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

CD72 is a type II transmembrane glycoprotein of 39-45 kDa and is expressed as a disulphide-linked homodimer. 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. 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. CD72 is the ligand for CD5. CD72 is a negative regulator of BCR signaling. 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.

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