

Recombinant CD5/Cluster of Differentiation 5 Monoclonal Antibody

catalog number: **AN300003P**

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

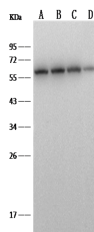
Description

Reactivity	Human
Immunogen	Recombinant Human CD5 / Cluster of Differentiation 5 Protein
Host	Rabbit
Isotype	IgG
Clone	1A7
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications Recommended Dilution

WB	1:500-1:1000
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Data



Western Blot with CD5 / Cluster of Differentiation 5 Monoclonal Antibody at dilution of 1:500. Lane A: Jurkat Whole Cell Lysate, Lane B: HeLa Whole Cell Lysate, Lane C: 293T Whole Cell Lysate, Lane D: HuT 78 Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:58 kDa

Calculated-MW:55 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

CD5, also known as Leu-1, is a type I transmembrane protein belonging to the scavenger receptor cysteine-rich (SRCR) superfamily. It is expressed on thymocytes, T cells and the B1a subpopulation of B cells. CD5 binds the C-type lectin, CD72, and modulates signaling through the antigen receptors on T and B cells. CD5 has been shown to provide either positive or negative co-stimulatory signals depending on cell type to regulate immune responses.

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