

Recombinant DEC-205/LY75 Monoclonal Antibody

catalog number: **AN300306P**

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

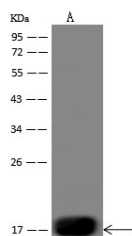
Description

Reactivity	Mouse
Immunogen	A synthetic peptide corresponding to the N-terminus of the Mouse DEC-205/LY75
Host	Rabbit
Isotype	IgG
Clone	6C9
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications Recommended Dilution

WB	1:500-1:2000
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Data



Western Blot with S Tag Monoclonal Antibody at dilution of 1:1000 dilution.. Lane A: S tag-GFERh(C) transfected 293 cell lysate at 1µg

Observed-MW:17 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

LY75 (Lymphocyte Antigen 75) is a Protein Coding gene. It is broadly expressed in the lymph node, appendix, and other tissues. LY75 knockdown in SKOV3 cells resulted in predominant upregulation of functional pathways implicated in cell proliferation and metabolism, while pathways associated with cell signaling and adhesion, complement activation, and immune response were mostly suppressed. Moreover, LY75 suppression had an opposite effect on EOC cell lines with the epithelial phenotype (A2780s and OV2008), by directing epithelial-to-mesenchymal transition (EMT) associated with reduced capacity for in vivo EOC cell colonization, as similar/identical signaling pathways were reversely regulated, when compared to mesenchymal LY75 knockdown EOC cells. Diseases associated with LY75 include Pneumonic Plague and Adenoiditis.

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