

Anti-DEC-205 Antibody (4V35)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4V35
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:1000-1:2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human LY75 / DEC-205 / CD205 Protein (TMPY-00322)
Antigen Species:	Human
Synonyms:	lymphocyte antigen 75;LY-75;CD205;CLEC13B;DEC-205;GP200-MR6

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481