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## ITGA5 (N) Antibody, Rabbit Polyclonal

**Cat#:** R0999-1

**Quantity:** 100 ul

**Predicted | Observed M.W.:** 115 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** P08648

### **Background:**

Integrin alpha-5 (ITGA5) is a single-pass type I membrane protein that belongs to the integrin alpha chain family. ITGA5/beta-1 is a receptor for fibronectin and fibrinogen. It recognizes the sequence R-G-D in its ligands. In case of HIV-1 infection, the interaction between ITGA5 and extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions.

### **Other Names:**

Integrin alpha-5, CD49 antigen-like family member E, Fibronectin receptor subunit alpha, Integrin alpha-F, VLA-5, CD49e, FNRA

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human ITGA5. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

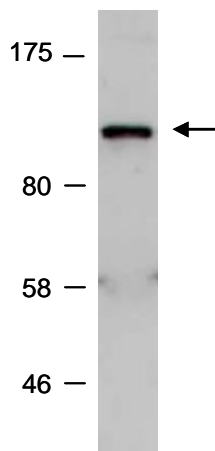
Human, Mouse

### **Tested Applications:**

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of total cell extracts from mouse thymus; using anti-ITGA5 (N) (R0999-1) at RT for 2 h.