

## ITGB7

**Reactivity:**Human Mouse

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**87kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human ITGB7

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

q

**Synonym:**

ITGB7; Integrin beta 7; integrin; beta 7;

**Catalog #:**A5873

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**3695

**Isotype:**IgG

**Swiss Prot:**P26010

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a protein that is a member of the integrin superfamily. Members of this family are adhesion receptors that function in signaling from the extracellular matrix to the cell. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The encoded protein forms dimers with an alpha4 chain or an alphaE chain and plays a role in leukocyte adhesion. Dimerization with alpha4 forms a homing receptor for migration of lymphocytes to the intestinal mucosa and Peyer's patches. Dimerization with alphaE permits binding to the ligand epithelial cadherin, a calcium-dependent adhesion molecule. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.

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