

ITGA8 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11582b**Specification****ITGA8 Antibody (C-term) Blocking peptide -
Product Information**Primary Accession [P53708](#)**ITGA8 Antibody (C-term) Blocking peptide -
Additional Information****Gene ID** 8516**Other Names**

Integrin alpha-8, Integrin alpha-8 heavy chain, Integrin alpha-8 light chain, ITGA8

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ITGA8 Antibody (C-term) Blocking peptide -
Protein Information****Name** ITGA8**Function**

Integrin alpha-8/beta-1 functions in the genesis of kidney and probably of other organs by regulating the recruitment of mesenchymal cells into epithelial structures. It recognizes the sequence R-G-D in a wide array of ligands including TNC, FN1, SPP1 TGFB1, TGFB3 and VTN. NPNT is probably its functional ligand in kidney genesis. Neuronal receptor for TNC it mediates cell-cell interactions and regulates

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- References**

Benoit, Y.D., et al. Biochem. Biophys. Res. Commun. 399(3):434-439(2010) Simon-Sanchez, J., et al. Nat. Genet. 41(12):1308-1312(2009) Benoit, Y.D., et al. Biol. Cell 101(12):695-708(2009) Sato, Y., et al. J. Biol. Chem. 284(21):14524-14536(2009) Lowe, J.K., et al. PLoS Genet. 5 (2), E1000365 (2009) :

neurite outgrowth of sensory and motor neurons.

Cellular Location

Membrane; Single- pass type I membrane protein. Cell membrane

Tissue Location

Expressed in mesenchymal cells, including alveolar myofibroblasts, kidney mesangial cells and hepatic stellate cells and vascular and visceral smooth muscle (at protein level)

**ITGA8 Antibody (C-term) Blocking peptide
- Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)