



# ITGA8 Antibody (C-term) Blocking peptide

Synthetic peptide Catalog # BP11582b

# **Specification**

ITGA8 Antibody (C-term) Blocking peptide - Product Information

Primary Accession <u>P53708</u>

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

# ITGA8 Antibody (C-term) Blocking peptide - Background

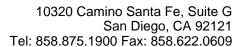
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# ITGA8 Antibody (C-term) Blocking peptide - References

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 stellar 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