

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 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](#)

ITGA8 Antibody (C-term) Blocking peptide - Images

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) :