10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ITGA8 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP14177c

Specification

ITGA8 Antibody (Center) Blocking Peptide - Product Information

Primary Accession P53708

ITGA8 Antibody (Center) 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 (Center) 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 (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

ITGA8 Antibody (Center) Blocking Peptide - Images

ITGA8 Antibody (Center) Blocking Peptide - Background

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ITGA8 Antibody (Center) 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) :