

ITGB6 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5684b**Specification**

ITGB6 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [P18564](#)
Other Accession [NP_000879.2](#)

ITGB6 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 3694

Other Names

Integrin beta-6, ITGB6

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.

ITGB6 Antibody (C-term) Blocking peptide - Protein Information

Name ITGB6

Function

Integrin alpha-V:beta-6 (ITGAV:ITGB6) is a receptor for fibronectin and cytotactin (PubMed:17545607, PubMed:17158881). It recognizes the sequence R-G-D in its ligands (PubMed:17545607, PubMed:17158881). Internalization of integrin alpha-V/beta-6 via clathrin-mediated endocytosis promotes carcinoma cell invasion (PubMed:17545607, PubMed:17158881). ITGAV:ITGB6 acts as a receptor for fibrillin-1 (FBN1) and mediates R-G-D-dependent cell adhesion to FBN1 (PubMed:17158881). Integrin alpha-V:beta-6 (ITGAV:ITGB6) mediates R-G- D-dependent release of transforming growth factor beta-1 (TGF-beta-1) from regulatory Latency-associated peptide (LAP), thereby playing a key role in TGF-beta-1 activation (PubMed:15184403, PubMed:22278742, PubMed:28117447).

Cellular Location

Cell membrane; Single-pass type I membrane protein. Cell junction, focal adhesion

ITGB6 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ITGB6 Antibody (C-term) Blocking peptide - Images**ITGB6 Antibody (C-term) Blocking peptide - Background**

ITGB6 is a receptor for fibronectin and cytotactin. It recognizes the sequence R-G-D in its ligands.

ITGB6 Antibody (C-term) Blocking peptide - References

Jiang, W.M., et al. Int. Immunol. 4(9):1031-1040(1992)Busk, M., et al. J. Biol. Chem. 267(9):5790-5796(1992)Krissansen, G.W., et al. Immunogenetics 35(1):58-61(1992)Sheppard, D., et al. J. Biol. Chem. 265(20):11502-11507(1990)