

VSIG4 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18884b**Specification**

VSIG4 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q9Y279](#)

VSIG4 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 11326

Other Names

V-set and immunoglobulin domain-containing protein 4, Protein Z39Ig, VSIG4, CRlg, Z39IG

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.

VSIG4 Antibody (C-term) Blocking Peptide - Protein Information

Name VSIG4

Synonyms CRlg, Z39IG

Function

Phagocytic receptor, strong negative regulator of T-cell proliferation and IL2 production. Potent inhibitor of the alternative complement pathway convertases.

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

Abundantly expressed in several fetal tissues. In adult tissues, highest expression in lung and placenta. Expressed in resting macrophages.

VSIG4 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

VSIG4 Antibody (C-term) Blocking Peptide - Images

VSIG4 Antibody (C-term) Blocking Peptide - Background

This gene encodes a v-set and immunoglobulin-domaincontaining protein that is structurally related to the B7 family of immune regulatory proteins. The encoded protein may be a negative regulator of T-cell responses. This protein is also a receptor for the complement component 3 fragments C3b and iC3b. Alternative splicing results in multiple transcript variants. [provided by RefSeq].

VSIG4 Antibody (C-term) Blocking Peptide - References

Guo, S., et al. Clin. Immunol. 136(2):282-291(2010) Van Loo, P., et al. Haematologica 95(3):440-448(2010) Xu, S., et al. Immunol. Lett. 128(1):46-50(2010) He, J.Q., et al. Mol. Immunol. 45(16):4041-4047(2008) Vogt, L., et al. J. Clin. Invest. 116(10):2817-2826(2006)