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VCC1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP13104b

Specification

VCC1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q6UXB2

VCC1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 284340

Other Names
VEGF coregulated chemokine 1, C-X-C motif chemokine 17, Dendritic cell and monocyte chemokine-like protein, DMC, CXCL17, VCC1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13104b was selected from the C-term region of VCC1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

VCC1 Antibody (C-term) Blocking Peptide - Protein Information

Name CXCL17

Synonyms VCC1

Function
Chemokine that acts as a chemoattractant for monocytes, macrophages and dendritic cells (PubMed:16455961, PubMed:23115081). Plays a role in angiogenesis and possibly in the development of tumors (PubMed:16989774, PubMed:23115081). Acts as an anti-inflammatory in the stomach (PubMed:23115081). May play a role in the innate defense against infections (PubMed:17307946). Activates the C-X-C chemokine receptor GPR35 to induce a rapid and transient rise in the level of

intracellular calcium ions (PubMed:25411203).

Cellular Location
Secreted.

Tissue Location
Detected in trachea, stomach, lung and skeletal muscle. Detected in intestine and in normal and asthmatic lung (at protein level). Breast tumors showed 3- to 24-fold up-regulation

VCC1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

VCC1 Antibody (C-term) Blocking Peptide - Images

VCC1 Antibody (C-term) Blocking Peptide - Background

VCC1 plays a role in angiogenesis and possibly in the development of tumors. May be a housekeeping chemokine regulating recruitment of nonactivated blood monocytes and immature dendritic cells into tissues. May play a role in the innate defense against infections.

VCC1 Antibody (C-term) Blocking Peptide - References

Mu, X., et al. Acta Biochim. Biophys. Sin. (Shanghai) 41(8):631-637(2009)Weinstein, E.J., et al. Biochem. Biophys. Res. Commun. 350(1):74-81(2006)Pisabarro, M.T., et al. J. Immunol. 176(4):2069-2073(2006)Zlotnik, A., et al. Genome Biol. 7 (12), 243 (2006) :Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004)