

**C10orf54 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13817c****Specification**

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**C10orf54 Antibody (Center) Blocking peptide - Product Information**Primary Accession [Q9H7M9](#)**C10orf54 Antibody (Center) Blocking peptide - Additional Information**

Gene ID 64115

**Other Names**

Platelet receptor Gi24, Stress-induced secreted protein-1, Sisp-1, C10orf54, SISP1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13817c was selected from the Center region of C10orf54. 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.

**C10orf54 Antibody (Center) Blocking peptide - Protein Information**Name VSIR ([HGNC:30085](#))**Function**

Immunoregulatory receptor which inhibits the T-cell response (PubMed:<a href="http://www.uniprot.org/citations/24691993" target="\_blank">24691993</a>). May promote differentiation of embryonic stem cells, by inhibiting BMP4 signaling (By similarity). May stimulate MMP14- mediated MMP2 activation (PubMed:<a href="http://www.uniprot.org/citations/20666777" target="\_blank">20666777</a>).

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**Tissue Location**

Expressed in spleen. Detected on a number of myeloid cells including CD11b monocytes, CD66b+ neutrophils, at low levels on CD4+ and CD8+ T-cells, and in a subset of NK cells. Not detected on B cells (at protein level). Expressed at high levels in placenta, spleen, plasma blood leukocytes,

and lung. Expressed at moderate levels in lymph node, bone marrow, fat, uterus, and trachea Has low expression levels in other tissues

### **C10orf54 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

### **C10orf54 Antibody (Center) Blocking peptide - Images**

### **C10orf54 Antibody (Center) Blocking peptide - Background**

GI24 is a platelet receptor. It is a type I membrane protein and contains one immunoglobulin-like domain.

### **C10orf54 Antibody (Center) Blocking peptide - References**

Sakr, M.A., et al. Cancer Sci. 101(11):2368-2374(2010)Lamesch, P., et al. Genomics 89(3):307-315(2007)Wan, D., et al. Proc. Natl. Acad. Sci. U.S.A. 101(44):15724-15729(2004)Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004)Colland, F., et al. Genome Res. 14(7):1324-1332(2004)