

**VSIG4 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP18884b****Specification**

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**VSIG4 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9Y279</a>
Other Accession	<a href="#">NP_001171759.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	43987
Antigen Region	308-335

**VSIG4 Antibody (C-term) - Additional Information****Gene ID** 11326**Other Names**

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

**Target/Specificity**

This VSIG4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 308-335 amino acids from the C-terminal region of human VSIG4.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

VSIG4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**VSIG4 Antibody (C-term) - 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**

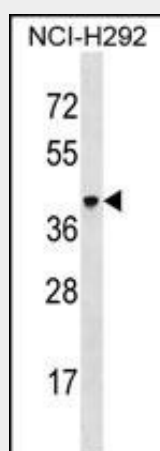
Abundantly expressed in several fetal tissues. In adult tissues, highest expression in lung and placenta. Expressed in resting macrophages.

**VSIG4 Antibody (C-term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**VSIG4 Antibody (C-term) - Images**



VSIG4 Antibody (C-term)(Cat. #AP18884b) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the VSIG4 antibody detected the VSIG4 protein (arrow).

**VSIG4 Antibody (C-term) - Background**

This gene encodes a v-set and immunoglobulin-domain containing 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. Alternate splicing results in multiple transcript variants. [provided by RefSeq].

**VSIG4 Antibody (C-term) - 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)