10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

VSIG4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18884b

Specification

VSIG4 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9Y279
Other Accession	NP_001171759.1
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, CRIg, 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

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 CRIg, 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

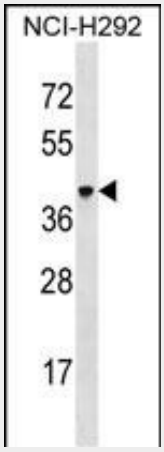
Tissue Location
Abundantly expressed in several fetal tissues. In adult tissues, highest expression in lung and placenta. Expressed in resting macrophages.

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 Cytomety
- 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

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Van Loo, P., et al. Haematologica 95(3):440-448(2010)
Xu, S., et al. Immunol. Lett. 128(1):46-50(2010)
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