

VSIG4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18884b

Product Information

Application	WB, E
Primary Accession	Q9Y279
Other Accession	NP_001171759.1
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB39950
Calculated MW	43987
Antigen Region	308-335

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 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.

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.

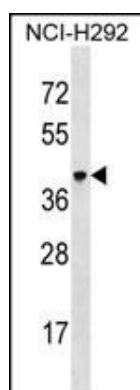
Background

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].

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)

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.