

Rabbit anti-Human VSIG4 Polyclonal Antibody | anti-VSIG4 antibody

VSIG4 Antibody (C-term)

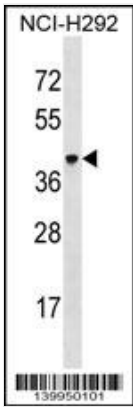
CATALOG # AAA290332	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

VSIG4; Polyclonal Antibody; VSIG4 Antibody (C-term); V-set and immunoglobulin domain-containing protein 4; Protein Z39Ig; CR1g; Z39IG; anti-VSIG4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	308-335
Sequence Length	305
Applicable Applications for anti-VSIG4 antibody	ELISA, WB (Western Blot)
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.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



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

ADDITIONAL INFORMATION

Related Product Information for anti-VSIG4 antibody	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].
Product Categories/Family for anti-VSIG4 antibody	Immunology
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	154426280
NCBI GeneID	11326
NCBI Accession #	NP_001093901.1; NP_001171759.1; NP_001171760.1; NP_001244332.1; NP_009199.1
NCBI GenBank Nucleotide #	NM_001100431.1
UniProt Accession #	Q9Y279; Q6UXI4
Molecular Weight	43987
NCBI Official Full Name	V-set and immunoglobulin domain-containing protein 4 isoform 2
NCBI Official Synonym Full Names	V-set and immunoglobulin domain containing 4
NCBI Official Symbol	VSIG4
NCBI Official Synonym Symbols	CRIG; Z39IG
NCBI Protein Information	V-set and immunoglobulin domain-containing protein 4
UniProt Protein Name	V-set and immunoglobulin domain-containing protein 4
UniProt Gene Name	VSIG4
UniProt Synonym Gene Names	CRIG; Z39IG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/vsig4-antibody-western-blot-elisa/290332>