

Datasheet for ABIN5542695

anti-Selenoprotein S antibody (AA 1-187)

5 Images

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Overview

Quantity:	0.1 mg
Target:	Selenoprotein S (SELS)
Binding Specificity:	AA 1-187
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Selenoprotein S antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human VIMP (AA: 1-187) expressed in E. coli.
Clone:	5G4A10
Isotype:	IgG1
Purification:	purified

Target Details

Target:	Selenoprotein S (SELS)
Alternative Name:	VIMP (SELS Products)
Background:	Description: This gene encodes a member of the selenoprotein family, characterized by a

Target Details

selenocysteine (Sec) residue at the active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. Studies suggest that this protein may regulate cytokine production, and thus play a key role in the control of the inflammatory response. Alternative splicing results in multiple transcript variants encoding different isoforms.,

Aliases: SELS, ADO15, SBBI8, SEPS1, AD-015

Molecular Weight: 21.2 kDa

Gene ID: 55829

HGNC: 55829

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [ER-Nucleus Signaling](#), [Regulation of Carbohydrate Metabolic Process](#), [Cell RedoxHomeostasis](#), [Negative Regulation of intrinsic apoptotic Signaling](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: 1:50 - 1:250, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

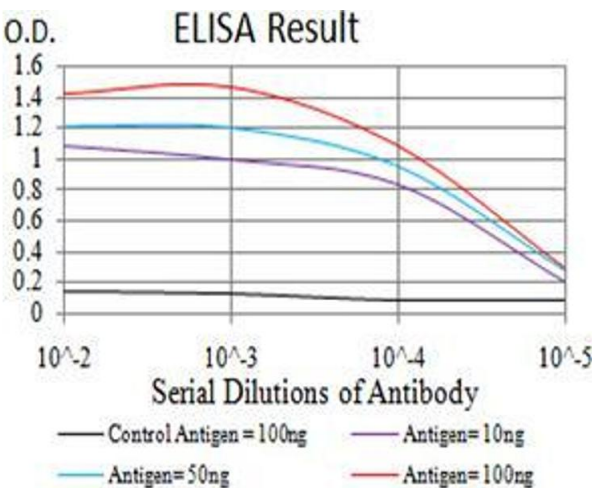
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

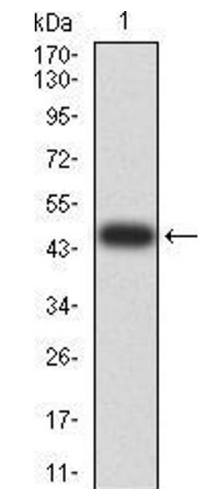
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



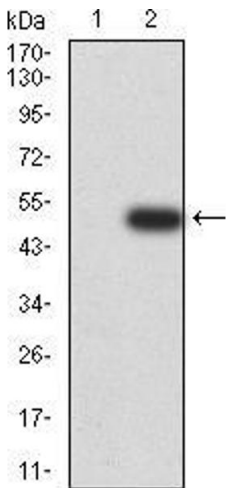
ELISA

Image 1. Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western Blotting

Image 2. Western blot analysis using VIMP mAb against human VIMP (AA: 1-187) recombinant protein. (Expected MW is 46.9 kDa)



Western Blotting

Image 3. Western blot analysis using VIMP mAb against HEK293 (1) and VIMP (AA: 1-187)-hlgGfC transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542695.