
Product Name: VIMP Mouse Monoclonal Antibody**Catalog #: AMM81703**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	21.2kDa

Antigen Information

Gene Name	VIMP
Alternative Names	SELS; ADO15; SBB18; SEPS1; AD-015
Gene ID	55829.0
SwissProt ID	Q9BQE4
Immunogen	Purified recombinant fragment of human VIMP (AA: 1-187) expressed in E. Coli.

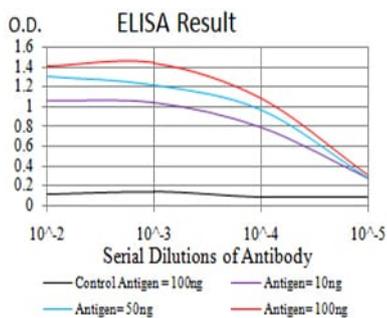
Background

This gene encodes a member of the selenoprotein family, characterized by a 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

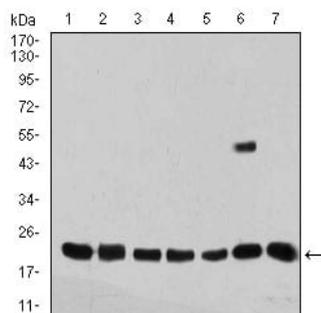
codon rather than as a stop signal. Studies suggest that this protein may regulate cytokine production, and thus play a key role in the control of the inflammatory response. Alternative splicing results in multiple transcript variants encoding different isoforms.

Research Area

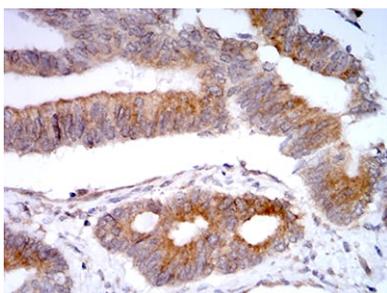
Image Data



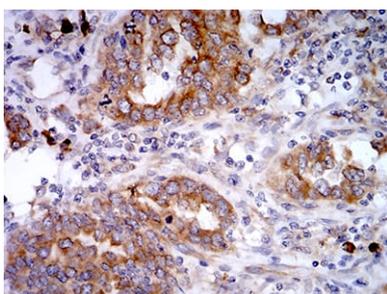
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using VIMP mouse mAb against MCF-7 (1), PANC-1 (2), Jurkat (3), HepG2 (4), MOLT4 (5), U251 (6), and A431 (7) cell lysate.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using VIMP mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using VIMP mouse mAb with DAB staining.