

## Mouse Monoclonal Antibody to VIMP

<b>Catalogue Number</b>	sAP-1396
<b>Target Molecule</b>	<p><b>Name: VIMP</b></p> <p><b>Aliases:</b> SELS; ADO15; SBB18; SEPS1; AD-015</p> <p><b>MW: 21.2kDa</b></p> <p><b>Entrez Gene ID: 55829</b></p>
<b>Description</b>	<p>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.;</p>
<b>Immunogen</b>	Purified recombinant fragment of human VIMP (AA: 1-187) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM5G4A10;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: 1 to 50 - 1 to 250; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Free Radic Biol Med. 2014 Feb;67:265-77. ; 2.PLoS One. 2013 Jun 11;8(6):e65657.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**