

Mouse Monoclonal Antibody to ADAMTS1

Catalogue Number	sAP-1481
Target Molecule	<p>Name: ADAMTS1</p> <p>Aliases: TSGA; JMJD1; JHDM2A; JHMD2A; JMJD1A</p> <p>MW: 147kDa</p> <p>Entrez Gene ID: 55818</p>
Description	<p>This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The protein encoded by this gene contains two disintegrin loops and three C-terminal TS motifs and has anti-angiogenic activity. The expression of this gene may be associated with various inflammatory processes as well as development of cancer cachexia. This gene is likely to be necessary for normal growth, fertility, and organ morphology and function.;</p>
Immunogen	Purified recombinant fragment of human ADAMTS1 (AA: 858-960) expressed in E. Coli.
Reactive Species	Human;
Clone	MM1G5D5;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM:
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Mol Cancer. 2013 Jan 5;12:2. ; 2.Cancer Sci. 2012 Oct;103(10):1889-97.;

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**