

## Mouse Monoclonal Antibody to IGFBP7

<b>Catalogue Number</b>	sAP-0858
<b>Target Molecule</b>	<p><b>Name:</b> IGFBP7</p> <p><b>Aliases:</b> AGM; PSF; TAF; FSTL2; IBP-7; MAC25; IGFBP-7; RAMSVPS; IGFBP-7v; IGFBPRP1</p> <p><b>MW:</b> 29.1kDa</p> <p><b>Entrez Gene ID:</b> 3490</p>
<b>Description</b>	<p>This gene encodes a member of the insulin-like growth factor (IGF)-binding protein (IGFBP) family. IGFBPs bind IGFs with high affinity, and regulate IGF availability in body fluids and tissues and modulate IGF binding to its receptors. This protein binds IGF-I and IGF-II with relatively low affinity, and belongs to a subfamily of low-affinity IGFBPs. It also stimulates prostacyclin production and cell adhesion. Alternatively spliced transcript variants encoding different isoforms have been described for this gene, and one variant has been associated with retinal arterial macroaneurysm (PMID:21835307). ;</p>
<b>Immunogen</b>	Purified recombinant fragment of human IGFBP7 (AA: 52-156) expressed in E. Coli.
<b>Recombinant Species</b>	Human;
<b>Clone</b>	MM5A4A9;
<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
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Sci Signal. 2012 Dec 18;5(255):ra92. ; 2. Cancer Biol Ther. 2012 Feb 1;13(3):148-55. ;

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**