

## Mouse Monoclonal Antibody to ANXA5

<b>Catalogue Number</b>	sAP-1137
<b>Target Molecule</b>	<b>Name:</b> ANXA5 <b>Aliases:</b> PP4; ANX5; ENX2; RPRGL3; HEL-S-7 <b>MW:</b> 36kDa <b>Entrez Gene ID:</b> 308
<b>Description</b>	The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII. The gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa.;
<b>Immunogen</b>	Purified recombinant fragment of human ANXA5 (AA: 160-320) expressed in E. Coli.
<b>Reactive Species</b>	Human; Mouse;
<b>Clone</b>	MM3B9B7;
<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 H2O, 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 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Klin Lab Diagn. 2013 Apr;(4):9-10. ; 2.Mech Ageing Dev. 2012 Jul;133(7):508-22.;

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**