

## Mouse Monoclonal Antibody to LPA

<b>Catalogue Number</b>	sAP-0243
<b>Target Molecule</b>	<b>Name: LPA</b> <b>Aliases:</b> LP; AK38; APOA; LPA <b>MW:</b> N/A <b>Entrez Gene ID: 4018</b>
<b>Description</b>	LPA: lipoprotein, Lp(a). Apo(a) is the main constituent of lipoprotein(a) (lp(a)). It has serine proteinase activity and is able of autoproteolysis. Inhibits tissue-type plasminogen activator 1. Lp(a) may be a ligand for megalin/gp 330. Apo(a) is known to be proteolytically cleaved, leading to the formation of the so-called mini-lp(a). Apo(a) fragments accumulate in atherosclerotic lesions, where they may promote thrombogenesis. O-glycosylation may limit the extent of proteolytic fragmentation.
<b>Immunogen</b>	Purified recombinant fragment of LPA (4330-4521) expressed in E. Coli.
<b>Recombinant Species</b>	Human
<b>Clone</b>	MM8F6A9;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% 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: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. J Stroke Cerebrovasc Dis. 2007 Sep-Oct;16(5):220-4. ; 2. Clin Chim Acta. 2008 Jan;387(1-2):109-12.

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**