

Mouse Monoclonal Antibody to LPA

Catalogue Number	sAP-0243
Target Molecule	Name: LPA Aliases: LP; AK38; APOA; LPA MW: N/A Entrez Gene ID: 4018
Description	LPA: lipoprotein, Lp(a). Apo(a) is the main constituent of lipoprotein(a) (Ip(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.
Immunogen	Purified recombinant fragment of LPA (4330-4521) expressed in E. Coli.
Reactive Species	Human
Clone	MM8F6A9;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, 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: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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**