

Product name:	LPA Mouse Monoclonal Antibody
Cat number:	MABN80703
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Mouse
Isotype:	Mouse IgG1
Immunogen:	Purified recombinant fragment of LPA (1823-2013) expressed in E. Coli.
Reactivity:	Human
Applications:	IHC 1:200-1:1000,ELISA 1:5000-1:20000
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Purified antibody in PBS with 0.05% sodium azide.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	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.