

LPA Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO1243a**Specification**

LPA Antibody - Product Information

Application	WB, IHC
Primary Accession	P08519.1
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1

Description

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.

Immunogen

Purified recombinant fragment of LPA (4330-4521) expressed in E. Coli.

Formulation

Ascitic fluid containing 0.03% sodium azide.

LPA Antibody - Additional Information**Dilution**

WB ~ 1/500 - 1/2000

IHC ~ 1/200 - 1/1000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

LPA Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

LPA Antibody - Protein Information**LPA Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LPA Antibody - Images

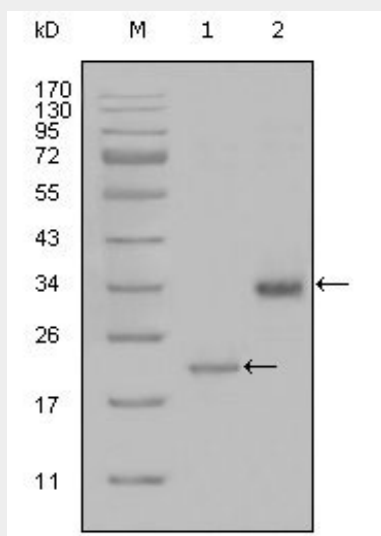


Figure 1: Western blot analysis using LPA mouse mAb against truncated LPA-His recombinant protein (1) and truncated Trx-LPA(aa4330-4521) recombinant protein (2).

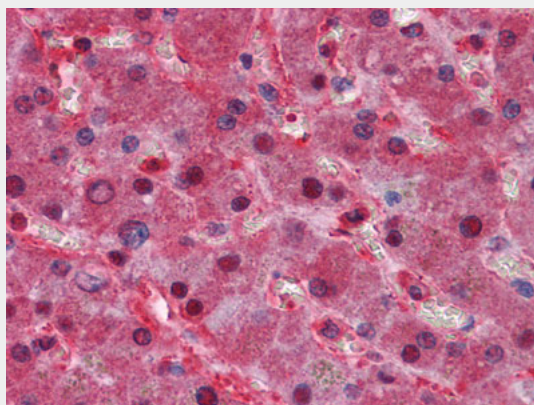


Figure 2: Immunohistochemical analysis of paraffin-embedded human Liver tissues using LPA mouse mAb

LPA Antibody - References

1. J Stroke Cerebrovasc Dis. 2007 Sep-Oct;16(5):220-4.
2. Clin Chim Acta. 2008 Jan;387(1-2):109-12.