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LPA Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO1243a

Product Information

Application	WB, IHC, E
Primary Accession	P08519.1
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	8F6A9; 8H5C5
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.

Additional Information

Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 E~~N/A
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.

Protein Information

References

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

Images

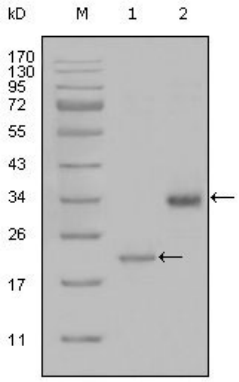


Figure 1: Western blot analysis using LPA mouse mAb against truncated LPA-His recombinant protein (1) and truncated Trx-LPA(aa4330-4521) recombinant protein (2).

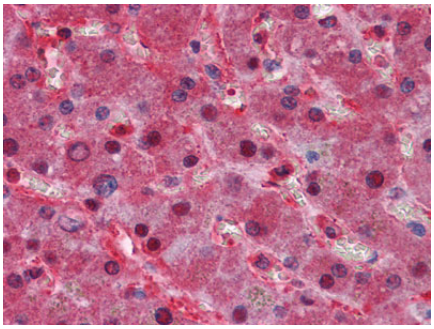


Figure 2: Immunohistochemical analysis of paraffin-embedded human Liver tissues using LPA mouse mAb

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.