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LPA Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO1730a

Product Information

Application	WB, IHC, ICC, E
Primary Accession	P08519.1
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	4H1
Isotype	IgG1
Calculated MW	501 KDa
Description	The protein encoded by this gene is a serine proteinase that inhibits the activity of tissue-type plasminogen activator I. The encoded protein constitutes a substantial portion of lipoprotein(a) and is proteolytically cleaved, resulting in fragments that attach to atherosclerotic lesions and promote thrombogenesis. Elevated plasma levels of this protein are linked to atherosclerosis. Depending on the individual, the encoded protein contains 2-43 copies of kringle-type domains. The allele represented here contains 15 copies of the kringle-type repeats and corresponds to that found in the reference genome sequence.
Immunogen	Purified recombinant fragment of human LPA (AA: 4330-4521) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 ICC~~N/A E~~1/10000
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

Images

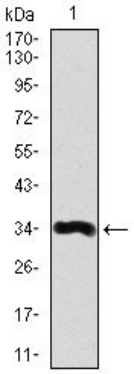

Figure 1: Western blot analysis using LPA mAb against human LPA recombinant protein. (Expected MW is 34.1 kDa)

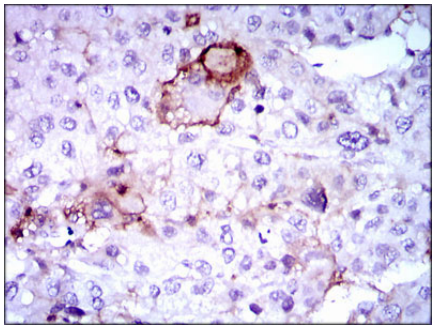

Figure 2: Immunohistochemical analysis of paraffin-embedded liver cancer tissues using LPA mouse mAb with DAB staining.

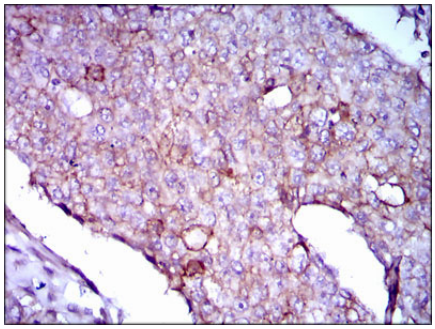

Figure 3: Immunohistochemical analysis of paraffin-embedded breast cancer tissues using LPA mouse mAb with DAB staining.

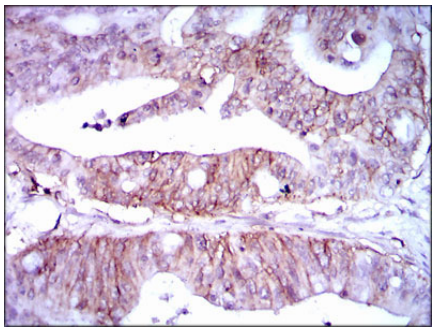

Figure 4: Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using LPA mouse mAb with DAB staining.

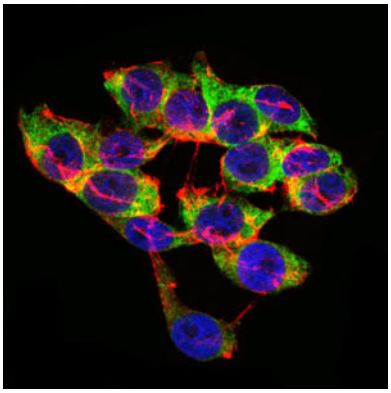

Figure 5: Immunofluorescence analysis of HepG2 cells using LPA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.