Mouse anti-Human LPA Monoclonal Antibody | anti-LPA antibody

LPA Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268533	**Mouse**	**Human**	**ELISA, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

LPA; Monoclonal Antibody; LPA Mouse mAb; LP; AK38; APOA; anti-LPA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4H1
Specificity	LPA Antibody detects endogenous levels of LPA protein.
Purity/Purification	Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Purified antibody in PBS with 0.05% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1169
Applicable Applications for anti-LPA antibody	ELISA, ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human LPA (AA: 4330-4521) expressed in E. Coli.
Conjugation	APC
Preparation and Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of LPA in HepG2 cells using LPA antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor555 phalloidin.

IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded breast cancer tissues using LPA antibody with DAB staining.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-LPA antibody	Lipoprotein(a) (Lp(a)) is a lipoprotein subclass assembled in the blood from low density lipoprotein (LDL) molecules and apolipoprotein-a (apo-a). Lp(a) recruits inflammatory cells through interaction with Mac-1 integrin. 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119567981
NCBI GeneID	4018
UniProt Accession #	P08519
NCBI Official Full Name	lipoprotein, Lp(a)
NCBI Official Synonym Full Names	lipoprotein(a)
NCBI Official Symbol	LPA
NCBI Official Synonym Symbols	LP; AK38; APOA
NCBI Protein Information	apolipoprotein(a)
UniProt Protein Name	Apolipoprotein(a)
UniProt Gene Name	**LPA**
UniProt Synonym Gene Names	Apo(a); Lp(a)
UniProt Entry Name	APOA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/lpa-antibody-clone-4h1-immunocytochemistry-immunohistochemistry-western-blot-elisa/268533