

Monoclonal Antibody to Lipoprotein (a) (Lp (a)) - Purified

Catalog No.:	BM2137
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (BCA method)
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	12C11.D5
Immunogen:	Purified lipoprotein(a) [Lp(a)] isolated from human plasma separated on a potassium bromide gradient (1.063-1.21 g/ml fraction) and followed by gel filtration chromatography.
Format:	State: Liquid purified Ig fraction (>95% pure) Purification: Protein A chromatography and 0.22 µm filtration. Buffer System: PBS buffer, pH 7.0 with 0.09% Sodium Azide as preservative.
Applications:	Can be used in research studies to identify Apo(a) in Lp(a) present in human plasma or serum using a capture ELISA or to identify purified Apo(a) (purified by native gel electrophoresis) in Western blot analysis. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Binds in ELISA (both indirect and sandwich) to native APO (a) in Lp(a) and shows no cross-reactivity with other apolipoproteins or plasminogen. All isoforms of human Apo(a) are recognized. This specificity was confirmed by Western blot analysis (native agarose gels) using a peroxidase-labeled secondary antibody and diaminobenzidine substrate.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. DeBacker, G., Rosseneu, M., DeSlypere, J.P. (1982) <i>Atjerpsec;erspos</i> 42:197. 2. The Lipid Research Clinics Primary Prevention Trial Results. (1984) <i>J. Am. Med. Assoc.</i> 251:351. 3. DeBacker, G., Hulstaert, F., DeMunck, K., Rosseneu, M., Van Parijs, L., Dramaix, M. (1986) <i>Am. Heart Journal</i> 112:478. 4. Laemmli, V., (1970), <i>Nature</i> , 227:680.