



Mouse Anti-APOA1 monoclonal antibody, clone 624 (CABT-L404R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Det: Anti-APOA1 monoclonal antibody, clone 624
Target	Human APOA1
Immunogen	Purified human plasma Apo A-1
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	624
Purification	Ion-exchange purified
Conjugate	Unconjugated
Applications	WB, ICC/IF, ELISA, IP, RIA, IHC. Recommended antibody pair for sELISA (Cap - Det): CABT-L239C - CABT-L404R
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	0.015M potassium phosphate, pH 7.2, with 0.15M NaCl
Preservative	0.1% sodium azide

Storage	Store antibody at 2-8°C
----------------	-------------------------

Ship	Wet ice
-------------	---------

BACKGROUND

Introduction	This gene encodes apolipoprotein A-I, which is the major protein component of high density lipoprotein (HDL) in plasma. The protein promotes cholesterol efflux from tissues to the liver for excretion, and it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters. This gene is closely linked with two other apolipoprotein genes on chromosome 11. Defects in this gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis.
---------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Keywords	APOA1; apolipoprotein A-I; apo-AI; apoA-I; MGC117399;
-----------------	-------------------------------------------------------

GENE INFORMATION

Entrez Gene ID	335
-----------------------	---------------------

UniProt ID	A0A024R3E3
-------------------	----------------------------