



## 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

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

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<b>Storage</b>	Store antibody at 2-8°C
<b>Ship</b>	Wet ice

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## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	APOA1; apolipoprotein A-I; apo-AI; apoA-I; MGC117399;

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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">335</a>
<b>UniProt ID</b>	<a href="#">A0A024R3E3</a>

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