



Mouse anti-Human Apolipoprotein A1 Monoclonal antibody [clone X23L23] (DMAB5608MH)

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

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to Apolipoprotein A1
Antigen Description	Apolipoprotein A1 (ApoA1) is a major component of the high-density lipoprotein complex (HDL or "good cholesterol"). ApoA1 helps to clear cholesterol from arteries. Decreased serum HDL-cholesterol levels have been reported to correlate with increased risk of coronary artery disease. However, Apo A-I has been suggested as a better discrimination of coronary artery disease than HDL.
Specificity	Human Apolipoprotein A1 (ApoA1)
Isotype	IgG1
Source/Host	Mouse
Clone	X23L23
Affinity Constant	2x10 ⁵ 1/Ms
Conjugate	Unconjugated
Epitope	N/D
Format	Clear liquid, may turn opaque during storage
Concentration	5.0 mg/ml (+/-10%)
Buffer	50 mM Na-citrate, pH 6.0, 0.9% NaCl, 0.1% NaN ₃ as a preservative
Storage	12 months at 2°C-8°C

GENE INFORMATION

Gene Name	APOA1 apolipoprotein A-I [Homo sapiens]
Official Symbol	APOA1
Synonyms	APOA1; apolipoprotein A-I; MGC117399; apo-AI; apoA-I; Apolipoprotein A-I; Apo-AI; Apolipoprotein A-I(1-242); ApoA-I; Apolipoprotein A1; Apolipoprotein A-I; OTTHUMP00000043268; OTTHUMP00000069346; OTTHUMP00000069347; OTTHUMP00000069348; ApoA1
Entrez Gene ID	335
Protein Refseq	NP_000030
UniProt ID	A0A024R3E3
Chromosome Location	11q23-q24
Pathway	ABC-family proteins mediated transport; ABCA transporters in lipid homeostasis; African trypanosomiasis; Amyloids; Chylomicron-mediated lipid transport; Fat digestion and absorption; Folate Metabolism; HDL-mediated lipid transport; Hemostasis; Lipoprotein metabolism; Metabolism of lipids and lipoproteins; PPAR signaling pathway; Platelet activation, signaling and aggregation; Platelet degranulation; Selenium Pathway; Statin Pathway; Transmembrane transport of small molecules; Vitamin digestion a
Function	apolipoprotein A-I receptor binding; apolipoprotein receptor binding; beta-amyloid binding; cholesterol binding; contributes_to cholesterol transporter activity; cholesterol transporter activity; enzyme binding; high-density lipoprotein particle binding; high-density lipoprotein particle receptor binding; identical protein binding; lipid transporter activity; phosphatidylcholine-sterol O-acyltransferase activator activity; phospholipid binding; protein binding