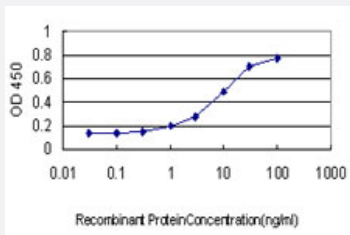


APOM monoclonal antibody (M02), clone 2E5

Catalog # H00055937-M02

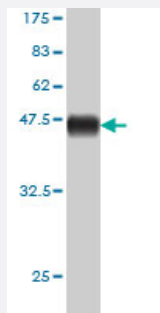
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged APOM is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (44 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant APOM.
Immunogen	APOM (AAH20683, 23 a.a. ~ 188 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	CPEHSQLTTLGVDGKEFPEVHLGQWYFIAGAAPTKEELATFDPVDNIVFNMAAGSAPMQLHLRAT IRMKDGLCVPRKWIYHLTEGSTDLRTEGRPDMKTELFSSSCPGGIMLNETGQGYQRFLLYNRSPH PPEKCVVEEFKSLTSCLDKAFLLTPRNQEACELSNN
Host	Mouse
Reactivity	Human

Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (44 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged APOM is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — APOM

Entrez GeneID	55937
GeneBank Accession#	BC020683
Protein Accession#	AAH20683
Gene Name	APOM
Gene Alias	G3a, HSPC336, MGC22400, NG20
Gene Description	apolipoprotein M
Omim ID	606907
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is an apolipoprotein and member of the lipocalin protein family. It is found associated with high density lipoproteins and to a lesser extent with low density lipoproteins and triglyceride-rich lipoproteins. The encoded protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. Two transcript variants encoding two different isoforms have been found for this gene, but only one of them has been fully characterized. [provided by RefSeq]

Other Designations

NG20-like protein|OTTHUMP00000029364|alternative name: G3a, NG20

Publication Reference

- [Apolipoprotein M Gene \(APOM\) Polymorphism Modifies Metabolic and Disease Traits in Type 2 Diabetes.](#)

Zhou JW, Tsui SK, Ng MC, Geng H, Li SK, So WY, Ma RC, Wang Y, Tao Q, Chen ZY, Chan JC, Ho YY.

PLoS One 2011 Feb; 6(2):e17324.

Application: Dot, Human, Human plasma

- [Evaluation of apolipoprotein M as a biomarker of coronary artery disease.](#)

Jiao G, Yang C, Li J, Xiao M, Lin L, Xue Y, Ye Y.

Clinical Biochemistry 2009 Mar; 42(4-5):365.

Application: Dot, Human, Plasma from patients with coronary artery disease

Disease

- [Alzheimer disease](#)
- [Arthritis](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)

- [Osteoarthritis](#)