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Datasheet for ABIN565963

anti-Apolipoprotein M antibody (AA 23-188)

4 Images

2 Publications

Overview

Quantity:	100 µg
Target:	Apolipoprotein M (APOM)
Binding Specificity:	AA 23-188
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Apolipoprotein M antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

Product Details

Purpose:	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:	CPEHSQLTTL GVDGKEFPEV HLGQWYFIAG AAPTKEELAT FDPVDNIVFN MAAGSAPMQL HLRATIRMKD GLCVPRKWIY HLTEGSTDLR TEGRPDMKTE LFSSSCPGGI MLNETGQGYQ RFLLYNRSPH PPEKCVVEEFK SLTSCLDLSKA FLLTPRNQEA CELSNN
Clone:	1F10
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Apolipoprotein M (APOM)
Alternative Name:	APOM (APOM Products)
Background:	Full Gene Name: apolipoprotein M Synonyms: G3a,HSPC336,MGC22400,NG20
Gene ID:	55937

Application Details

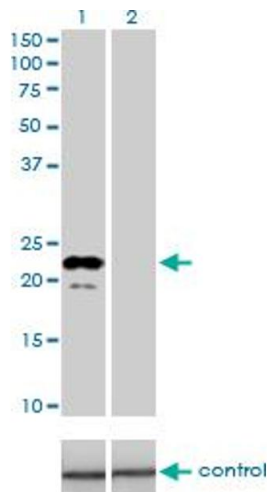
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

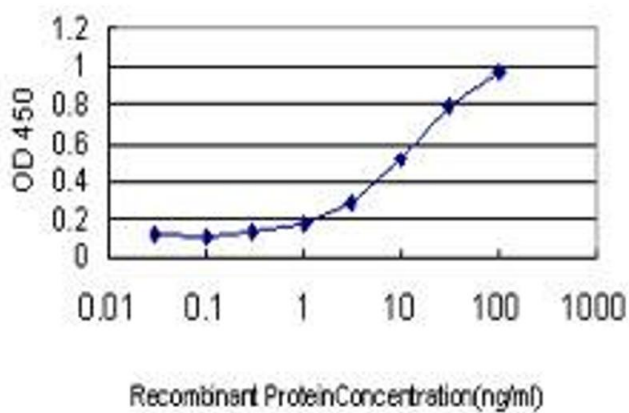
Publications

Product cited in:	Zhang, Mao, Luo, Wei, Berggren-Söderlund, Nilsson-Ehle, Xu: "Effects of simvastatin on apolipoprotein M in vivo and in vitro." in: Lipids in health and disease , Vol. 10, pp. 112, (2011) (PubMed).
	Zhang, Zhu, Luo, Zheng, Nilsson-Ehle, Xu: "Liver X receptor agonist downregulates hepatic apoM expression in vivo and in vitro." in: Biochemical and biophysical research communications , Vol. 371, Issue 1, pp. 114-7, (2008) (PubMed).



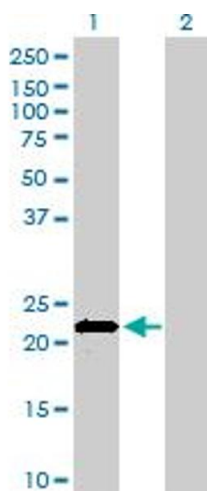
Western Blotting

Image 1. Western blot analysis of APOM over-expressed 293 cell line, cotransfected with APOM Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with APOM monoclonal antibody (M01), clone 1F10. GAPDH (36.1 kDa) used as specificity and loading control.



ELISA

Image 2. Detection limit for recombinant GST tagged APOM is approximately 0.3ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot analysis of APOM expression in transfected 293T cell line by APOM monoclonal antibody (M01), clone 1F10.

Lane 1: APOM transfected lysate(21.3 KDa).

Lane 2: Non-transfected lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN565963.