



Datasheet for ABIN2565347  
**anti-APOB antibody (AA 28-127)**



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Overview

Quantity:	100 µg
Target:	APOB
Binding Specificity:	AA 28-127
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APOB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant APOB.
Immunogen:	APOB (NP_000375.1, 28 a.a. ~ 127 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	EEEMLENVSL VCPKDATTRFK HLRKYTYNYE AESSSGVPGT ADSRSATRIN CKVELEVPQL CSFILKTSQC TLKEVYGFNP EGKALLKGTK NSEEFAAAMS
Clone:	3E5
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	APOB
Alternative Name:	APOB ( <a href="#">APOB Products</a> )
Background:	Full Gene Name: apolipoprotein B (including Ag(x) antigen) Synonyms: FLDB
Gene ID:	338
NCBI Accession:	<a href="#">NM_000384</a>
Pathways:	<a href="#">Lipid Metabolism</a>

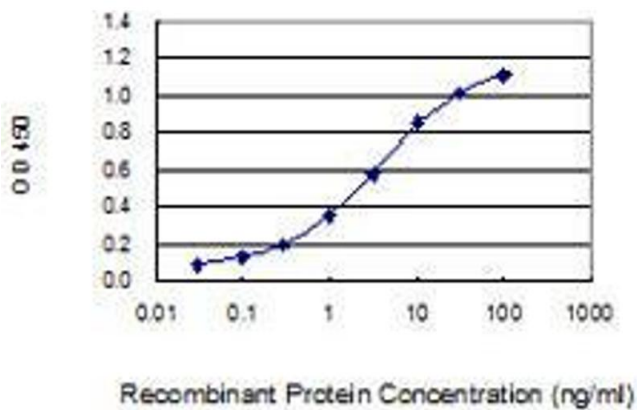
## Application Details

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

## Handling

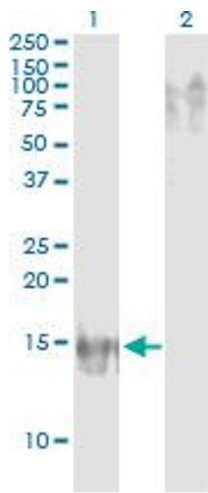
Buffer:	In 1x PBS, pH 7.4
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



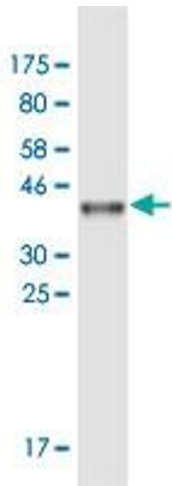
### ELISA

**Image 1.** Detection limit for recombinant GST tagged APOB is 0.03 ng/ml as a capture antibody.



### Western Blotting

**Image 2.** Western Blot analysis of APOB expression in transfected 293T cell line by APOB monoclonal antibody (M14), clone 3E5. Lane 1: APOB transfected lysate (Predicted MW: 11.11 kDa). Lane 2: Non-transfected lysate.



### Western Blotting

**Image 3.** Western Blot detection against Immunogen (36.74 kDa).