



Datasheet for ABIN7428437  
**anti-APOB antibody (AA 3365-3548)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µL
Target:	APOB
Binding Specificity:	AA 3365-3548
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APOB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Apolipoprotein B (APOB)
Immunogen:	Recombinant Apolipoprotein B (APOB) corresponding to His3365~Glu3548 with N-terminal His Tag
Clone:	D4
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against APOB. It has been selected for its ability to recognize APOB in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

## Target Details

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Target:	APOB
Alternative Name:	Apolipoprotein B ( <a href="#">APOB Products</a> )
Background:	Apo-B, FLDB, Apo B-100, Apo B-48
Pathways:	<a href="#">Lipid Metabolism</a>

## Application Details

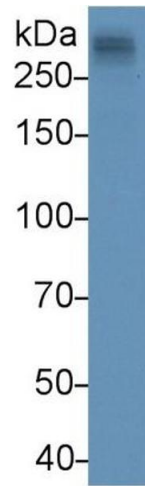
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Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



### Western Blotting

**Image 1.** Detection of APOB in Human Serum using Monoclonal Antibody to Apolipoprotein B (APOB)