MBS2012785

Monoclonal Antibody to Apolipoprotein B (APOB)
Organism Species: *Rattus norvegicus (Rat)*
Instruction manual
12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG2a Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C3

Traits: Liquid

Concentration: 1mg/ml

UOM: 200µl

Cross Reactivity: Human; Mouse; Pig

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant APOB (H+Phe2747~Leu2913) expressed in *E.coli* **(MBS2009239)**

[APPLICATIONS]

Western blotting: 0.5-5µg/mL;
Immunohistochemistry: 5-50µg/mL;
Immunocytochemistry: 5-50µg/mL;
Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.
Store at 4ºC for frequent use.
Aliquot and store at -20ºC for 24 months.

Stability Test: 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.

[IDENTIFICATION]

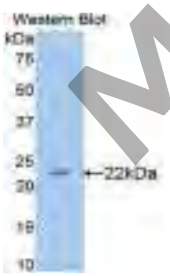
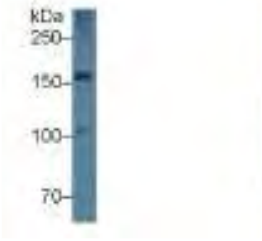


Figure. Western Blot; Sample: Recombinant APOB, Rat.



Western Blot; Sample: Rat Liver lysate; Primary Ab: 5µg/ml Mouse Anti-Rat APOB Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: **MBS2086035**)

DAB staining on IHC-P; Samples: Rat Skeletal muscle Tissue; Primary Ab: 30µg/ml Mouse Anti-Rat APOB Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: **MBS2086035**)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.