BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Apolipoprotein E APOE Monoclonal Antibody

Catalog Number: M00015

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Overview

Product Name	Anti-Apolipoprotein E APOE Monoclonal Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Apolipoprotein E APOE Monoclonal Antibody catalog # M00015. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse.
Application	IP, IF, IHC, ICC, WB
Clonality	Monoclonal AbA15
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P02649

Technical Details

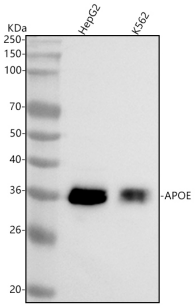
Immunogen	A synthesized peptide derived from human Apolipoprotein E
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000

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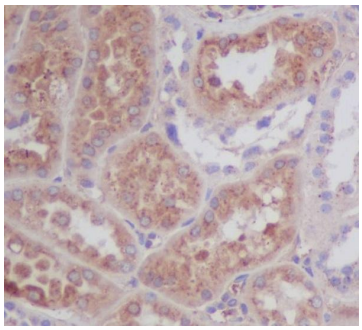
	IHC 1:50-200 ICC/IF 1:50-200 IP 1:20

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Anti-Apolipoprotein E APOE Monoclonal Antibody (M00015) Images



Western blot analysis of Apolipoprotein E using anti-Apolipoprotein E antibody (M00015). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HepG2 whole cell lysates, Lane 2: human K562 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Apolipoprotein E antigen affinity purified monoclonal antibody (Catalog # M00015) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for Apolipoprotein E at approximately 36 kDa. The expected band size for Apolipoprotein E is at 36 kDa.



Immunohistochemical analysis of paraffin-embedded human kidney, using Apolipoprotein E Antibody.

2 Publications Citing This Product

1. PubMed ID: 33061590, Xue Y,Huang S,Huang J,Li S,Zhang C,Zhou X.Identification of Apolipoprotein E as a Potential Diagnostic Biomarker of Nasopharyngeal Carcinoma.Cancer Manag Res.2020 Sep 24;12:8943-8950.doi:10.2147/CMAR. S239479.PMID:33061590;PMCID:PMC7522425.

2. PubMed ID: 33205615, Kong Y, Zhao C, Huang Y, Liu Y, Liu S, Guo Y, Li M, Xu T, Zhao B, Wang J. Angiopoietin-like protein 4 promotes very-low-density lipoprotein assembly and secretion in bovine hepatocytes in vitro. IUBMB Life. 2020 Nov 17. doi: 10.1002/iub.2403. Epub ahead o

Visit bosterbio.com/anti-apolipoprotein-e-antibody-m00015-boster.html to see all 2 publications.

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