SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-APOE Monoclonal Antibody

Catalog Number: SLA1335M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	9E10
GeneID:	348
SWISS:	P02649
Target:	APOE
Immunogen:	A synthesized peptide derived from human Apolipoprotein E
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:50-200) IP (1:20-50) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	36 kDa
Background:	APOE is an apolipoprotein, a protein associating with lipid particles, that mainly functions in lipoprotein-mediated lipid transport between organs via the plasma and interstitial fluids. APOE is a core component of plasma lipoproteins and is involved in their production, conversion and clearance.

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[VALIDATION IMAGES]

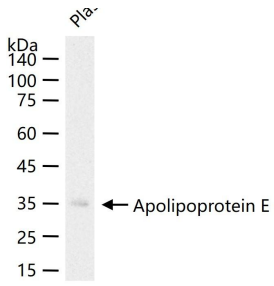


Figure 1. 25 ug total protein per lane of various lysates (see on figure) probed with Apolipoprotein E monoclonal antibody, unconjugated (SLA1335M) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

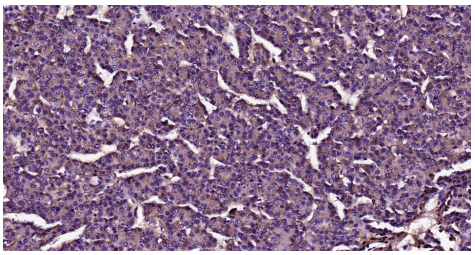


Figure 2. Paraformaldehyde-fixed, paraffin embedded Human liver cancer;Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Apolipoprotein E Monoclonal Antibody, Unconjugated (SLA1335M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

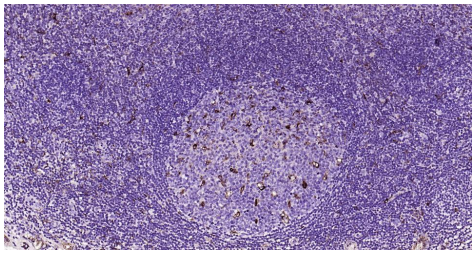


Figure 3. Paraformaldehyde-fixed, paraffin embedded Human tonsil;Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Apolipoprotein E Monoclonal Antibody, Unconjugated (SLA1335M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

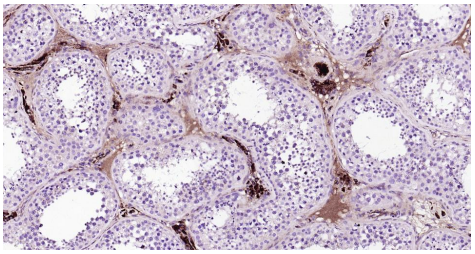


Figure 4. Paraformaldehyde-fixed, paraffin embedded Human testicles;Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Apolipoprotein E Monoclonal Antibody, Unconjugated (SLA1335M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

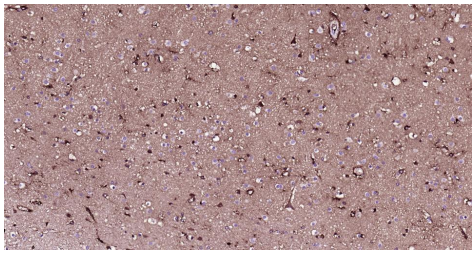


Figure 5. Paraformaldehyde-fixed, paraffin embedded Human Brain;Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Apolipoprotein E Monoclonal Antibody, Unconjugated (SLA1335M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

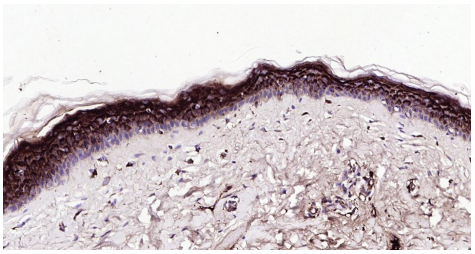


Figure 6. Paraformaldehyde-fixed, paraffin embedded Human skin;Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Apolipoprotein E Monoclonal Antibody, Unconjugated (SLA1335M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

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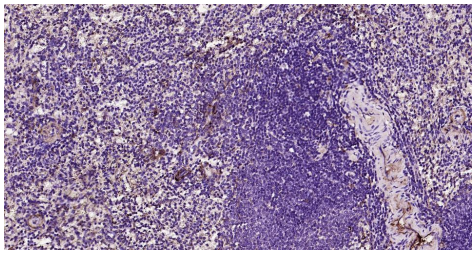


Figure 7. Paraformaldehyde-fixed, paraffin embedded Human spleen;Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Apolipoprotein E Monoclonal Antibody, Unconjugated (SLA1335M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

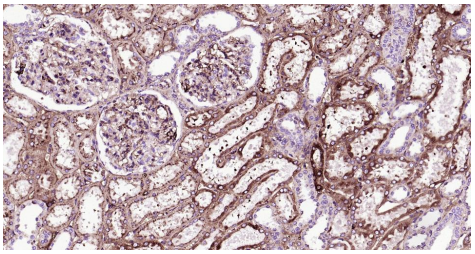


Figure 8. Paraformaldehyde-fixed, paraffin embedded Human kidney;Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Apolipoprotein E Monoclonal Antibody, Unconjugated (SLA1335M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

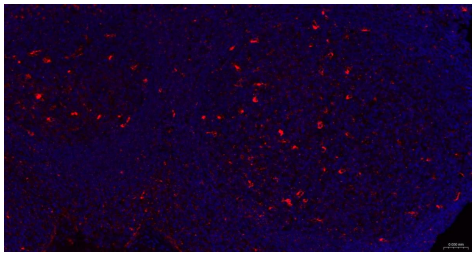


Figure 9. Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Apolipoprotein E Monoclonal Antibody, Unconjugated (SLA1335M) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, SL0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.

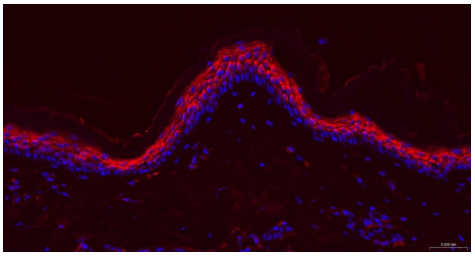


Figure 10. Paraformaldehyde-fixed, paraffin embedded Human Skin; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Apolipoprotein E Monoclonal Antibody, Unconjugated (SLA1335M) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, SL0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.
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