

Anti-CD14 Antibody (2E832)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 52~55 kDa. Actual: 47 kDa.
Clone:	2E832
Purification:	Protein A purified

Applications

Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded (human lung carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CD14) Monoclonal Antibody, Unconjugated (TMAB-00334) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded (human pancreatic cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CD14) Monoclonal Antibody, Unconjugated (TMAB-00334) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD14 Monoclonal Antibody, Unconjugated (TMAB-00334) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Human Endometrial Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD14 Monoclonal Antibody, Unconjugated (TMAB-00334) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD14 Monoclonal Antibody, Unconjugated (TMAB-00334) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Human Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD14 Monoclonal Antibody, Unconjugated (TMAB-00334) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD14 Monoclonal Antibody, Unconjugated (TMAB-00334) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
8. Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD14 Monoclonal Antibody, Unconjugated (TMAB-00334) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

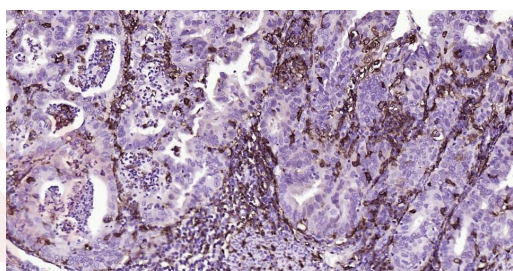
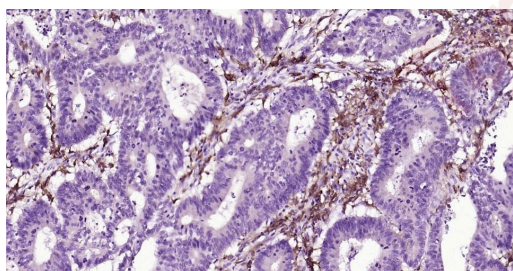
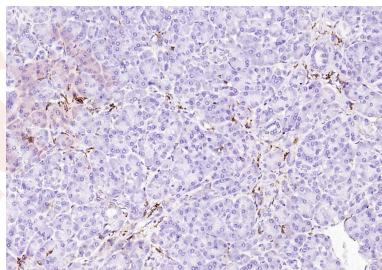
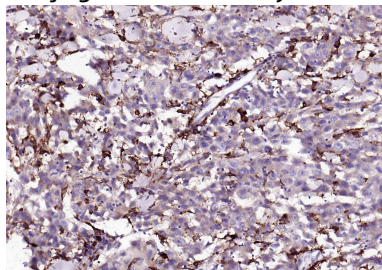
9. Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD14 Monoclonal Antibody, Unconjugated (TMAB-00334) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

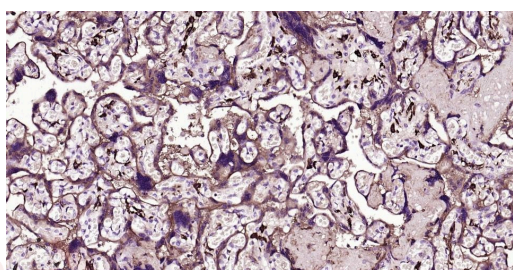
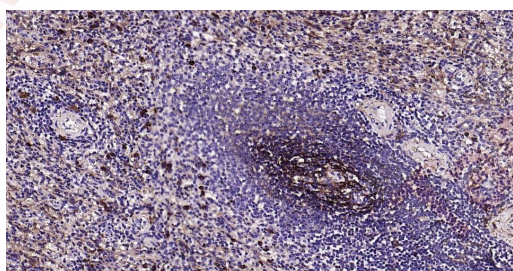
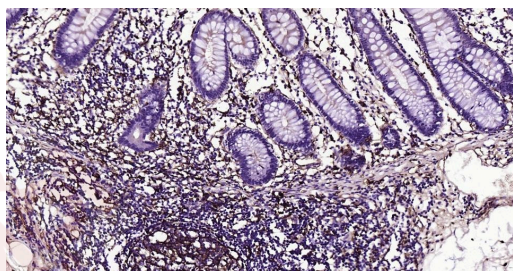
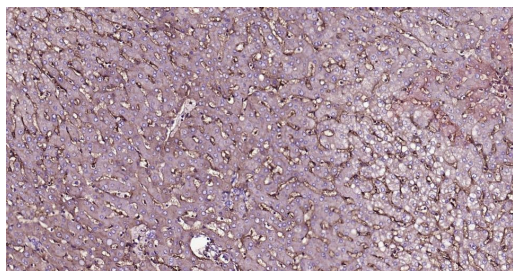
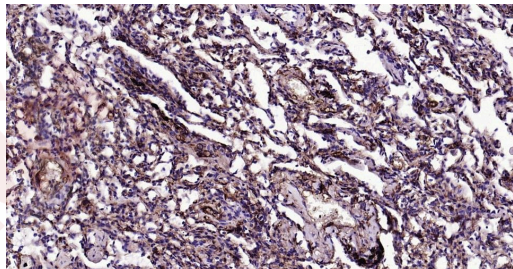
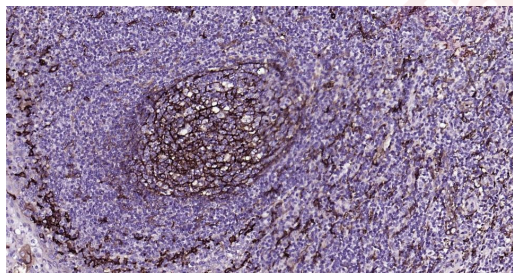
10. Paraformaldehyde-fixed, paraffin embedded Human Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD14 Monoclonal Antibody, Unconjugated (TMAB-00334) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

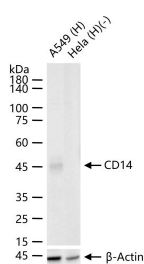
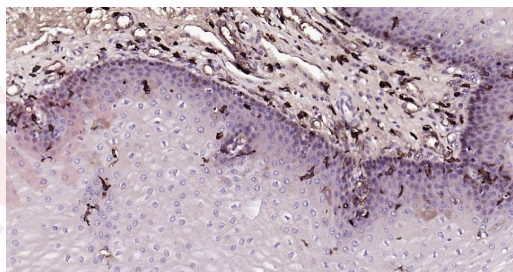
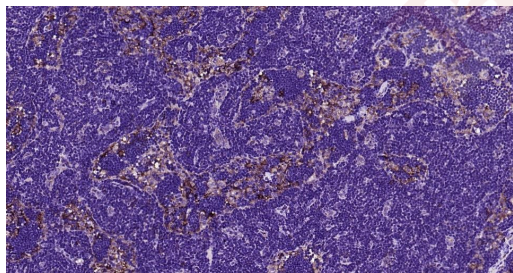
11. Paraformaldehyde-fixed, paraffin embedded Human Lymph; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD14 Monoclonal Antibody, Unconjugated (TMAB-00334) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

12. Paraformaldehyde-fixed, paraffin embedded Human Esophagus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD14 Monoclonal Antibody, Unconjugated (TMAB-00334) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

13. 25 µg total protein per Lane of various lysates probed with CD14 monoclonal antibody, unconjugated (TMAB-00334) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.







Application: IF,IHC-Fr,IHC-P,WB

Recommended IF=1:200-1000; IHC-Fr=1:200-1000; IHC-P=1:200-1000; WB=1:500-1000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: human CD14 protein

Antigen Species: Human

Gene ID: 929

Uniprot ID: P08571

Synonyms: CD14 molecule;CD14

Biology Area: Negative Markers,Neutrophil Lineage,Monocytic Lineage,Human Lineage Negative,Endothelial Markers,CD markers ELISA kits,TLR Signaling,Myeloid Cells

Research Background

The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Mar 2010]

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