SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-Mrc1 Monoclonal Antibody

Catalog Number: SLA0952M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	1C12
GeneID:	17533
SWISS:	Q61830
Target:	Mrc1
Immunogen:	Recombinant mouse CD206 protein
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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:	IHC-P (1:200-2000) IHC-F (1:200-2000) IF (1:200-2000) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Mouse,Rat
Predicted MW.:	160 kDa
Subcellular Location:	Membrane
Background:	The recognition of complex carbohydrate structures on glycoproteins is an important part of several biological processes, including cell-cell recognition, serum glycoprotein turnover, and neutralization of pathogens. The protein encoded by this gene is a type I membrane receptor that mediates the endocytosis of glycoproteins by macrophages. The protein has been shown to bind high-mannose structures on the surface of potentially pathogenic viruses, bacteria, and fungi so that they can be neutralized by phagocytic engulfment. This gene is in close proximity to MRC1L1. The gene loci including this gene,

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	MRC1L1, as well as LOC340843 and LOC340893, consist of two nearly identical, tandemly linked genomic regions, which are thought to be a part of a duplicated region. [provided by RefSeq].

[VALIDATION IMAGES]

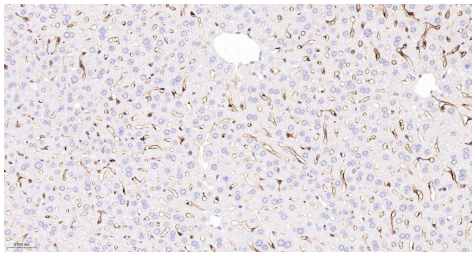


Figure 1. Paraformaldehyde-fixed, paraffin embedded Mouse Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MRC1 | CD206 Monoclonal Antibody, Unconjugated (SLA0952M) at 1:400 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

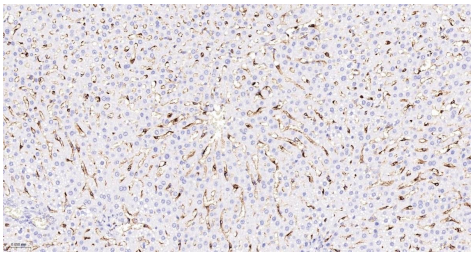


Figure 2. Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MRC1 | CD206 Monoclonal Antibody, Unconjugated (SLA0952M) at 1:400 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

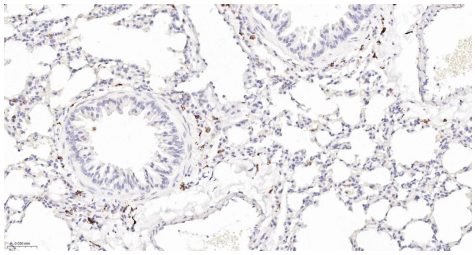


Figure 3. Paraformaldehyde-fixed, paraffin embedded Mouse Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MRC1 | CD206 Monoclonal Antibody, Unconjugated (SLA0952M) at 1:400 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

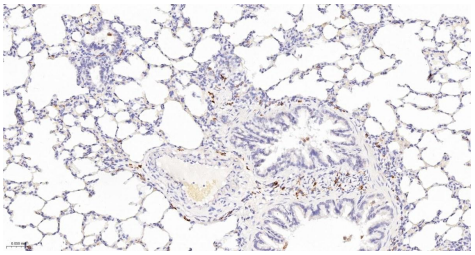


Figure 4. Paraformaldehyde-fixed, paraffin embedded Rat Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MRC1 | CD206 Monoclonal Antibody, Unconjugated (SLA0952M) at 1:400 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

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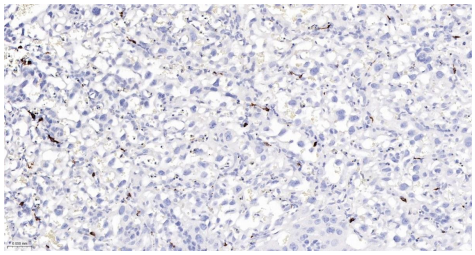


Figure 5. Paraformaldehyde-fixed, paraffin embedded Mouse Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MRC1 | CD206 Monoclonal Antibody, Unconjugated (SLA0952M) at 1:400 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

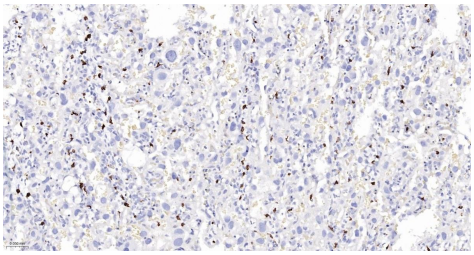


Figure 6. Paraformaldehyde-fixed, paraffin embedded Rat Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MRC1 | CD206 Monoclonal Antibody, Unconjugated (SLA0952M) at 1:400 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

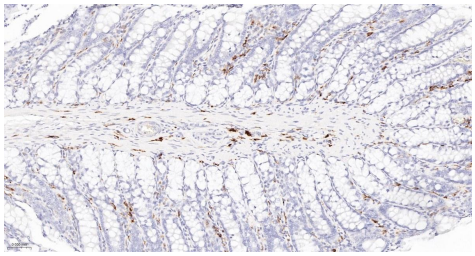


Figure 7. Paraformaldehyde-fixed, paraffin embedded Rat Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MRC1 | CD206 Monoclonal Antibody, Unconjugated (SLA0952M) at 1:400 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

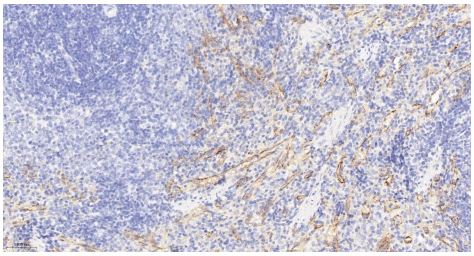


Figure 8. Paraformaldehyde-fixed, paraffin embedded Rat Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MRC1 | CD206 Monoclonal Antibody, Unconjugated (SLA0952M) at 1:400 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

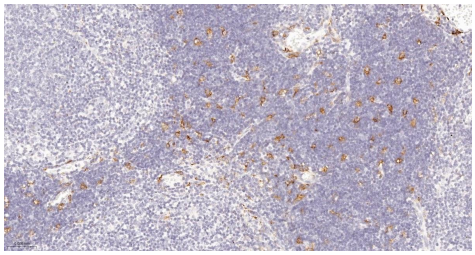


Figure 9. Paraformaldehyde-fixed, paraffin embedded Mouse Thymus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Mrc1 | Cd206 Monoclonal Antibody, Unconjugated (SLA0952M) at 1:2000 overnight at 4°C, followed by incubation with SL0295G-HRP and DAB (C-0010) staining.

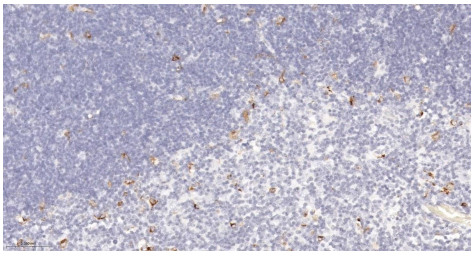


Figure 10. Paraformaldehyde-fixed, paraffin embedded Rat Thymus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Mrc1 | Cd206 Monoclonal Antibody, Unconjugated (SLA0952M) at 1:2000 overnight at 4°C, followed by incubation with SL0295G-HRP and DAB (C-0010) staining.
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