

# Anti-Mannose Receptor antibody [EPR22489-7] ab252921

リコンビナント RabMAb

## 7 References 画像数 6

### 製品の概要

製品名	Anti-Mannose Receptor antibody [EPR22489-7]
製品の詳細	Rabbit monoclonal [EPR22489-7] to Mannose Receptor
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P <b>適用なし:</b> Flow Cyt, ICC/IF or IP
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: THP-1 treated with 20 ng/ml PMA for 24 hours, then treated with 20ng/ml IL-4 for 48 hours, whole cell lysate; human liver, lymph node, lung and placenta lysates. IHC-P: Human liver, colon, and Karposi's sarcoma tissue.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリクローナル	モノクローナル
クローン名	EPR22489-7

アプリケーション

**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab252921の使用に適用されます  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000. Detects a band of approximately 175 kDa (predicted molecular weight: 166 kDa).
IHC-P		1/4000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

**追加情報** Is unsuitable for Flow Cyt, ICC/IF or IP.

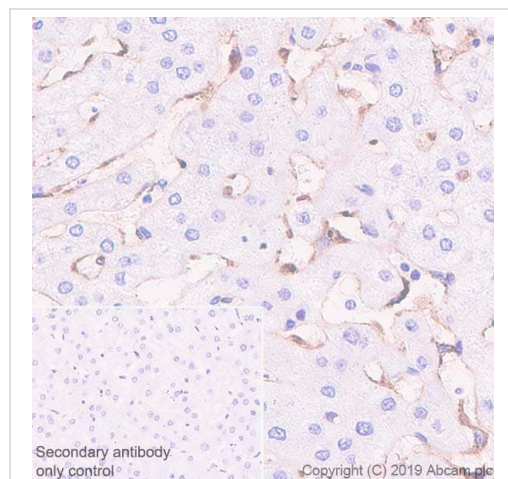
ターゲット情報

**機能** Mediates the endocytosis of glycoproteins by macrophages. Binds both sulfated and non-sulfated polysaccharide chains. Acts as phagocytic receptor for bacteria, fungi and other pathogens.

**配列類似性** Contains 8 C-type lectin domains.  
 Contains 1 fibronectin type-II domain.  
 Contains 1 ricin B-type lectin domain.

**細胞内局在** Membrane.

画像

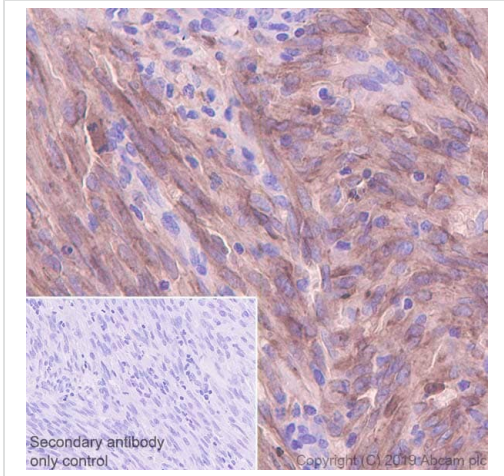


Immunohistochemical analysis of paraffin-embedded human liver tissue labeling Mannose Receptor with ab252921 at 1/4000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ready to use. Positive staining in macrophages (Kupffer cells) of human liver (PMID: 26938527) is observed. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) ready to use.

Heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0).

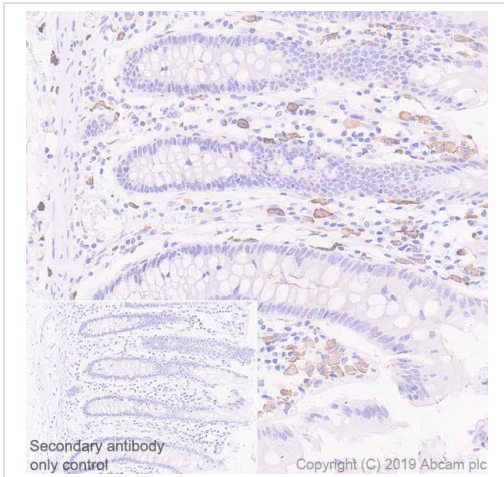
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Mannose Receptor antibody [EPR22489-7] (ab252921)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Mannose Receptor antibody [EPR22489-7] (ab252921)

Immunohistochemical analysis of paraffin-embedded human Kaposi's sarcoma tissue labeling Mannose Receptor with ab252921 at 1/4000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ready to use. Positive staining in tumor cells of human Kaposi's Sarcoma (PMID: 9060831) is observed. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) ready to use. Heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).

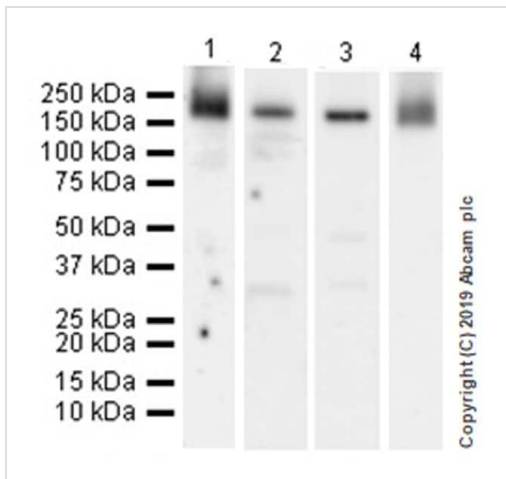


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Mannose Receptor antibody [EPR22489-7] (ab252921)

Immunohistochemical analysis of paraffin-embedded human colon tissue labeling Mannose Receptor with ab252921 at 1/4000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ready to use. Positive staining in macrophages of human colon (PMID: 9060831) is observed. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) ready to use.

Heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).



Western blot - Anti-Mannose Receptor antibody [EPR22489-7] (ab252921)

**All lanes :** Anti-Mannose Receptor antibody [EPR22489-7] (ab252921) at 1/1000 dilution

**Lane 1 :** Human liver lysate

**Lane 2 :** Human lung lysate

**Lane 3 :** Human lymph node lysate

**Lane 4 :** Human placenta lysate

Lysates/proteins at 20 µg per lane.

**Secondary**

**All lanes :** VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) at 1/1000 dilution

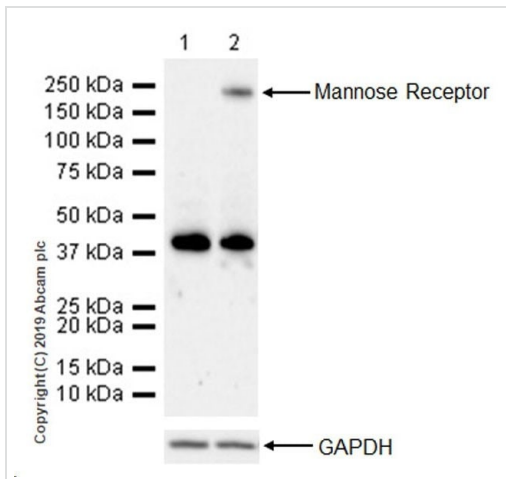
**Predicted band size:** 166 kDa

**Observed band size:** 175 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.

Exposure times: Lane 1: 3 mins. Lanes 2 & 3: 26 secs. Lane 4: 10 secs.

The molecular weight observed is consistent with what has been described in the literature (PMID: 26202986; 23752129).



Western blot - Anti-Mannose Receptor antibody [EPR22489-7] (ab252921)

**All lanes :** Anti-Mannose Receptor antibody [EPR22489-7] (ab252921) at 1/1000 dilution

**Lane 1 :** Untreated THP-1 (human monocytic leukemia cell line) whole cell lysate

**Lane 2 :** THP-1 treated with 20 ng/ml PMA for 24 hours, then treated with 20ng/ml IL-4 for 48 hours, whole cell lysate

Lysates/proteins at 20 µg per lane.

**Secondary**

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

**Predicted band size:** 166 kDa

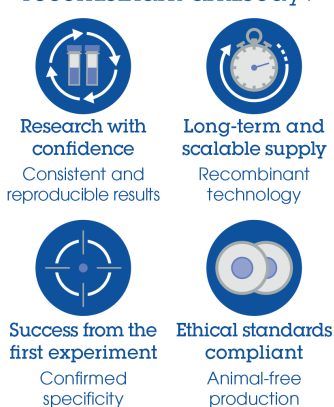
**Observed band size:** 175 kDa

**Exposure time:** 3 minutes

Blocking/Dilution buffer: 5% NFD/MTBST.

The molecular weight of 175 kDa in lane 2 observed is consistent with what has been described in the literature (PMID: 26202986; 23752129). This antibody also reacts with an unidentifiable protein around 40 kDa.

Why choose a recombinant antibody?



- Research with confidence**  
Consistent and reproducible results
- Long-term and scalable supply**  
Recombinant technology
- Success from the first experiment**  
Confirmed specificity
- Ethical standards compliant**  
Animal-free production

Anti-Mannose Receptor antibody [EPR22489-7]  
(ab252921)

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