

Anti-CD14 antibody [SP192] ab183322

リコンビナント **RabMAb**

★★★★★ **5 Abreviews** **19 References** 画像数 19

製品の概要

製品名	Anti-CD14 antibody [SP192]
製品の詳細	Rabbit monoclonal [SP192] to CD14
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt, IHC-P, WB
種交差性	交差種: 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	IHC-p: Human tonsil lysate; Human tonsil, Human thymus, Human colon, Human colon adenocarcinoma, Human spleen, Human lung, Human liver, Human esophagus, Human endometrium, Human HK lymphoma, Human B cell lymphoma and Human bladder tissues. Flow Cyt: PBMC
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.</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	<p>pH: 7.20</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituents: PBS, 1% BSA</p>
精製度	Protein A/G purified
特記事項 (精製)	Purified from TCS by protein A/G.

ポリ/モノ	モノクローナル
クローン名	SP192
アイソタイプ	IgG

アプリケーション

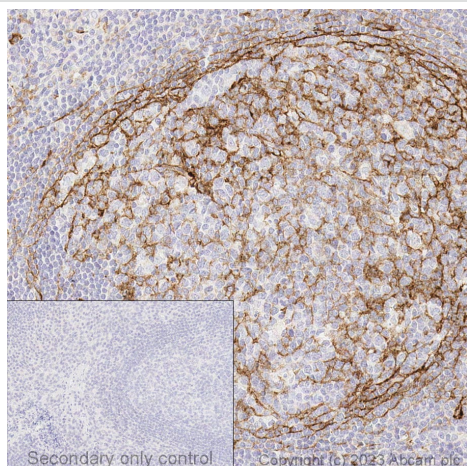
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab183322の使用に適用されます
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		1/200.
IHC-P	★★★★★ (2)	1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Antigen retrieval: Boil tissue section in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at room temperature for 20 min.
WB		1/100. Predicted molecular weight: 40 kDa.

ターゲット情報

機能	Cooperates with MD-2 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS). Acts via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Up-regulates cell surface molecules, including adhesion molecules.
組織特異性	Expressed strongly on the surface of monocytes and weakly on the surface of granulocytes; also expressed by most tissue macrophages.
配列類似性	Contains 11 LRR (leucine-rich) repeats.
翻訳後修飾	N- and O- glycosylated. O-glycosylated with a core 1 or possibly core 8 glycan.
細胞内局在	Cell membrane.

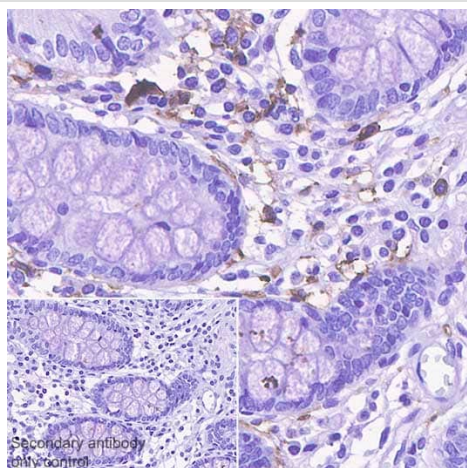
画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)

Immunohistochemical analysis of formalin-fixed paraffin-embedded human tonsil labelling CD14 with **ab230903** at a concentration of 0.5µg/ml. The immunostaining was performed on a Ventana DISCOVERY ULTRA (Roche Tissue Diagnostics) instrument with an OptiView DAB IHC Detection Kit. Heat mediated antigen retrieval was conducted for 32min with ULTRA cell conditioning solution (CC1 pH8.5). **ab220903** anti CD14 antibody was incubated at 37°C for 16min. Sections were counterstained is with Hematoxylin II. Image inset shows absence of staining in secondary antibody only control.

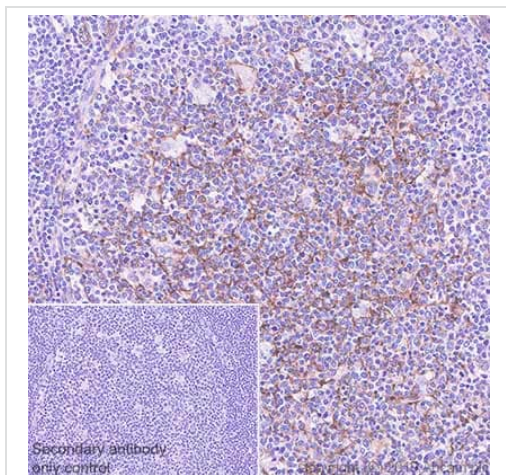
This data was developed using the same antibody clone in a different buffer formulation (**ab230903**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human colon tissue sections labeling CD14 with ab183322 at 1/100 dilution (1.61 µg/ml). Heat mediated antigen retrieval with sodium citrate buffer (pH 6.0, epitope retrieval solution 1) for 10mins Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Hematoxylin was used as a counterstain. Positive staining on stromal cells in the human colon, performed on a Leica Biosystems BOND™ RX instrument.

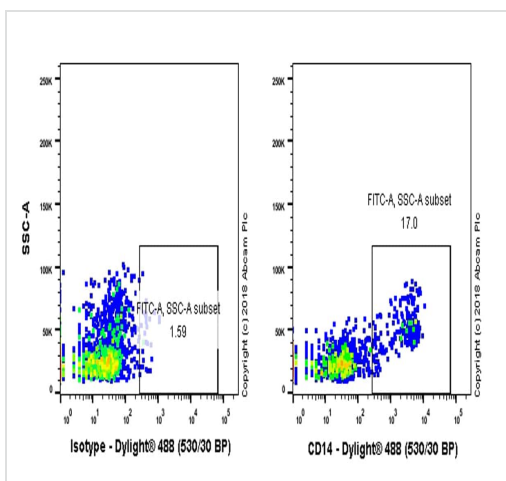
The section was incubated with ab183322 for 10 mins at room temperature.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)

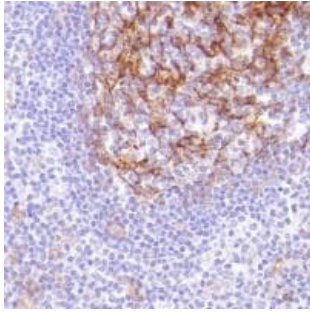
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human tonsil tissue sections labeling CD14 with ab183322 at 1/100 dilution (1.61 µg/ml). Heat mediated antigen retrieval with sodium citrate buffer (pH 6.0, epitope retrieval solution 1) for 10mins Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)) was used as the secondary antibody. Hematoxylin was used as a counterstain. Positive staining on the human tonsil, performed on a Leica Biosystems BOND™ RX instrument.

The section was incubated with ab183322 for 10 mins at room temperature.



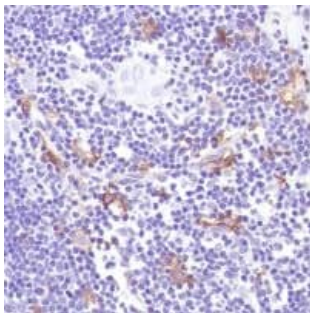
Flow Cytometry - Anti-CD14 antibody [SP192] (ab183322)

Flow Cytometry analysis of human PBMC (human peripheral blood mononuclear cell) cells labeling CD14 with purified ab183322 at 1:200 dilution (0.805 µg/ml) - Red. A Goat anti rabbit IgG (Dylight® 488, [ab98462](#)) secondary antibody was used at 1:2000 dilution. Isotype control - Rabbit monoclonal IgG ([ab172730](#)) - Black. Unlabeled control - Blue.



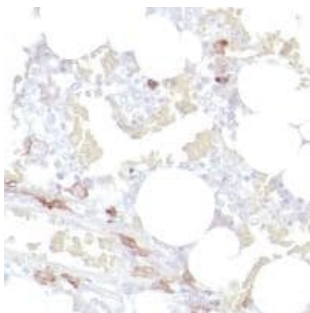
Immunohistochemical analysis of paraffin embedded Human tonsil tissue labeling CD14 with ab183322 at 1/100.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)



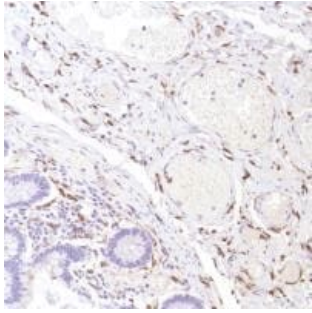
Immunohistochemical analysis of paraffin embedded Human thymus tissue labeling CD14 with ab183322 at 1/100.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)



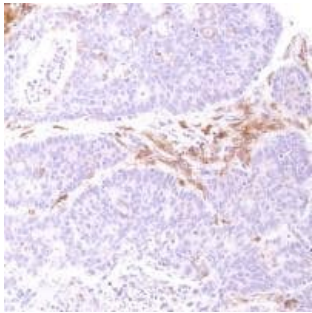
Immunohistochemical analysis of paraffin embedded Human bone marrow tissue labeling CD14 with ab183322 at 1/100.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)



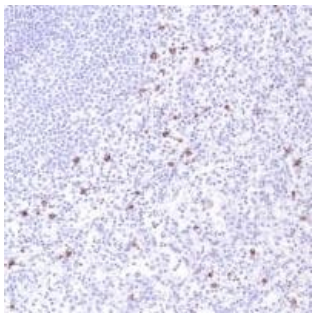
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)

Immunohistochemical analysis of paraffin embedded Human colon tissue labeling CD14 with ab183322 at 1/100.



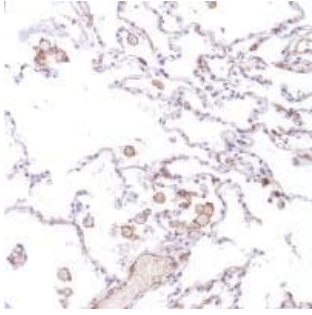
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)

Immunohistochemical analysis of paraffin embedded Human colon adenocarcinoma tissue labeling CD14 with ab183322 at 1/100.



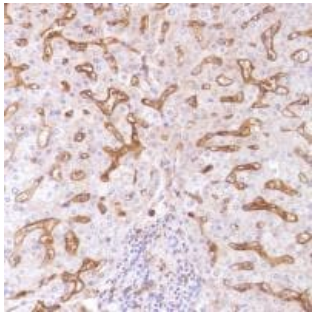
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)

Immunohistochemical analysis of paraffin embedded Human spleen tissue labeling CD14 with ab183322 at 1/100.



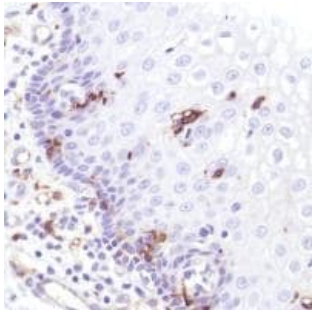
Immunohistochemical analysis of paraffin embedded Human lung tissue labeling CD14 with ab183322 at 1/100.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)



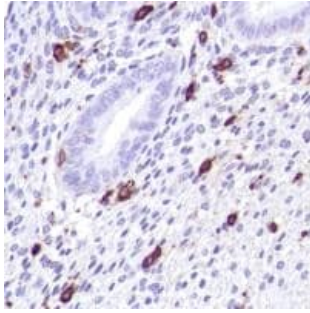
Immunohistochemical analysis of paraffin embedded Human liver tissue labeling CD14 with ab183322 at 1/100.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)



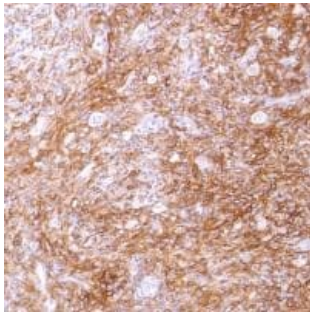
Immunohistochemical analysis of paraffin embedded Human esophagus tissue labeling CD14 with ab183322 at 1/100.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)



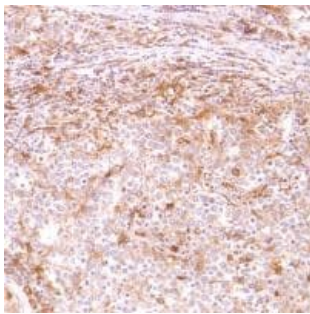
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)

Immunohistochemical analysis of paraffin embedded Human endometrium tissue labeling CD14 with ab183322 at 1/100.



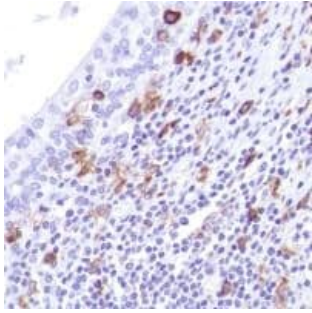
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)

Immunohistochemical analysis of paraffin embedded Human HK lymphoma tissue labeling CD14 with ab183322 at 1/100.



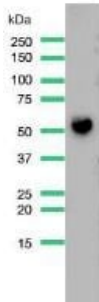
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)

Immunohistochemical analysis of paraffin embedded Human B cell lymphoma tissue labeling CD14 with ab183322 at 1/100.



Immunohistochemical analysis of paraffin embedded Human bladder tissue labeling CD14 with ab183322 at 1/100.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [SP192] (ab183322)



Anti-CD14 antibody [SP192] (ab183322) at 1/100 dilution + Human tonsil lysate

Predicted band size: 40 kDa

Western blot - Anti-CD14 antibody [SP192] (ab183322)

Why choose a recombinant antibody?



Anti-CD14 antibody [SP192] (ab183322)

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