

Anti-CD103 antibody [EPR4166(2)] ab129202

リコンビナント RabMAb

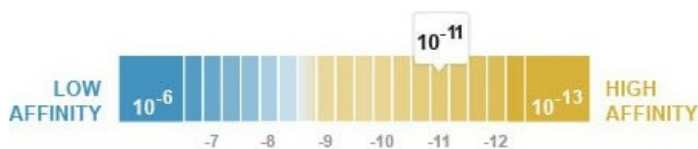
★★★★★ **8 Abreviews** **34 References** 画像数 10

製品の概要

製品名	Anti-CD103 antibody [EPR4166(2)]
製品の詳細	Rabbit monoclonal [EPR4166(2)] to CD103
由来種	Rabbit
アプリケーション	適用あり: IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide within Human CD103 aa 1-100 (extracellular). The exact sequence is proprietary. Database link: P38570
ポジティブ・コントロール	IHC-P: Human colon, tonsil, stomach and ileum tissues.
特記事項	Clone EPR4166(2) is different from clone EPR4166. This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents .

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. Stable for 12 months at -20°C.
解離定数 (K _D 値)	K _D = 1.62 x 10 ⁻¹¹ M



[Learn more about K_D](#)

バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol, 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR4166(2)
アイソタイプ	IgG

アプリケーション

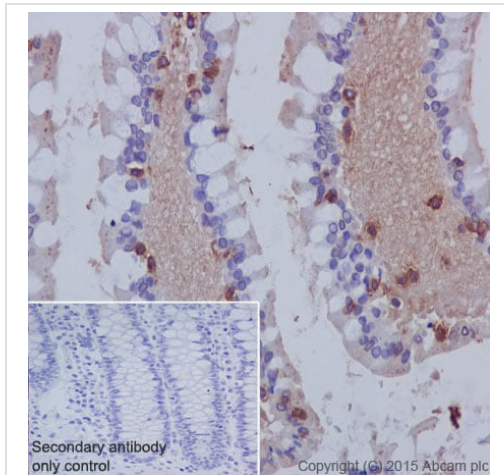
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab129202の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P	★★★★★ (5)	1/500 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. See <u>IHC antigen retrieval protocols</u> .

ターゲット情報

機能	Integrin alpha-E/beta-7 is a receptor for E-cadherin. It mediates adhesion of intra-epithelial T-lymphocytes to epithelial cell monolayers.
組織特異性	Expressed on a subclass of T-lymphocytes known as intra-epithelial lymphocytes which are located between mucosal epithelial cells.
配列類似性	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. Contains 1 VWFA domain.
ドメイン	The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.
細胞内局在	Membrane.

画像

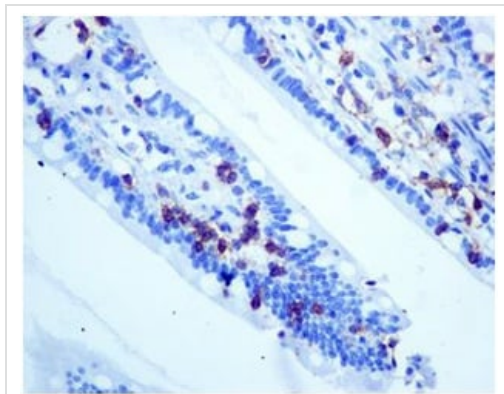


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD103 antibody [EPR4166(2)] (ab129202)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon tissue labeling CD103 with purified ab129202 at 1/500. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. **ab97051**, an HRP-conjugated goat anti-rabbit IgG (H+L) was used as the secondary antibody (1/500).

Negative control using PBS instead of primary antibody (inset).

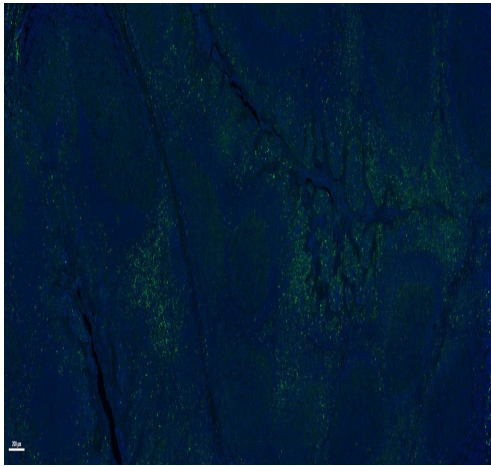
Counterstained with hematoxylin.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD103 antibody [EPR4166(2)] (ab129202)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon tissue labeling CD103 with unpurified ab129202 at a dilution of 1/500.

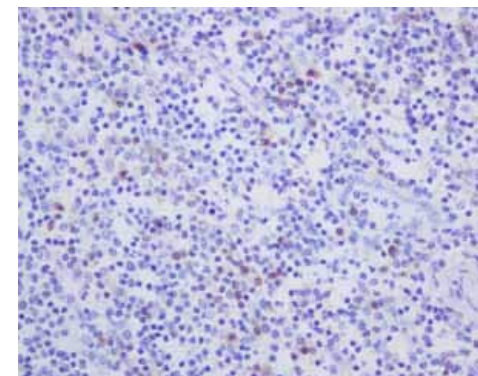
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD103 antibody [EPR4166(2)] (ab129202)

Anti-CD103/Integrin alpha E antibody [EPR4166(2)] (ab129202)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil tissue labelling CD103/Integrin alpha E with ab129202 at a dilution of 1:1000. Heat mediated antigen retrieval was performed using AR9 antigen retrieval solution, and microwave treatment for 15 min at 20% power. Anti-Rabbit/Mouse HRP polymer (PerkinElmer Opal Polymer HRP Ms Plus Rb) was used as secondary antibody. Opal tyramide amplification was performed using Opal 520 fluorophore. Counterstained with DAPI stain. Image scanned with Vectra 3.0 and analyzed via Phenochart software.

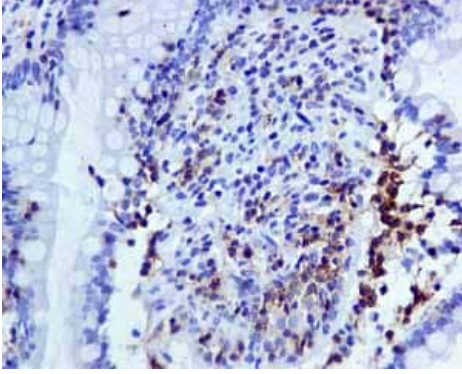
This image was courteously provided by Dr. Houssein Abdul Sater, Georgia Cancer Center.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD103 antibody [EPR4166(2)] (ab129202)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of normal human tonsil tissue labeling CD103 with unpurified ab129202.

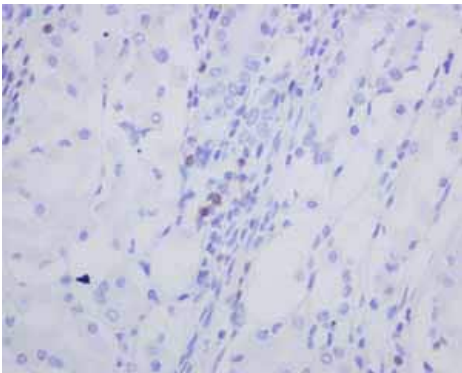
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD103 antibody [EPR4166(2)] (ab129202)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of normal human ileum tissue labeling CD103 with unpurified ab129202.

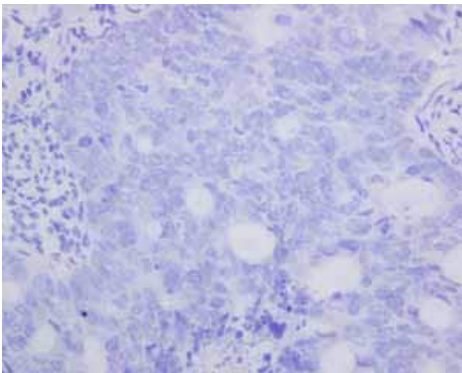
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD103 antibody [EPR4166(2)] (ab129202)

Unpurified ab129202 showing positive staining of CD103 in normal stomach tissue.

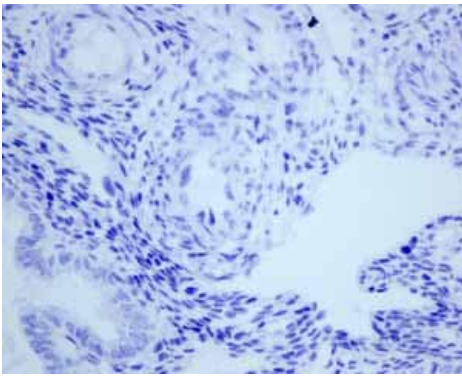
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD103 antibody [EPR4166(2)] (ab129202)

Unpurified ab129202 showing **negative staining** in colonic adenocarcinoma tissue.

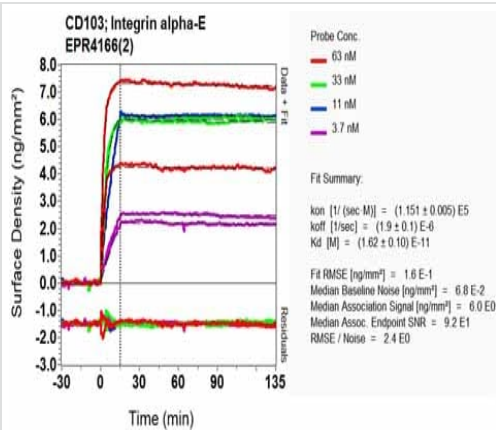
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Unpurified ab129202 showing **negative staining** in normal uterus tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD103 antibody [EPR4166(2)] (ab129202)



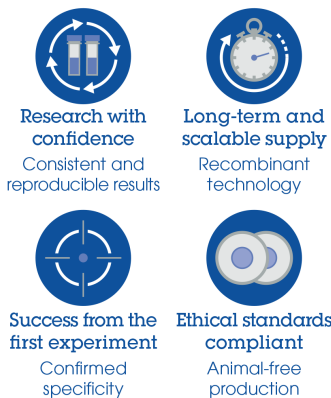
Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

OI-RD Scanning - Anti-CD103 antibody [EPR4166(2)] (ab129202)

Why choose a recombinant antibody?



Anti-CD103 antibody [EPR4166(2)] (ab129202)

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