


Anti-CD11a antibody [EP1285Y] ab52895

リコンビナント **RabMAb**

★★★★★ **1 Abreviews** **21 References** 画像数 7

製品の概要

製品名	Anti-CD11a antibody [EP1285Y]
製品の詳細	Rabbit monoclonal [EP1285Y] to CD11a
由来種	Rabbit
アプリケーション	適用あり: WB, IP, Flow Cyt, IHC-P, ICC/IF
種交差性	交差種: Human 交差が予測される動物種: Cynomolgus monkey 
免疫原	Synthetic peptide within Human CD11a aa 1150 to the C-terminus. The exact sequence is proprietary. Database link: P20701
ポジティブ・コントロール	WB: Jurkat and TPH-1 whole cell lyates. IHC-P: Human tonsil, Human squamous cell cervical carcinoma. ICC/IF: Jurkat cell line Flow: Jurkat cell line IP: Jurkat whole cell extract
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: - 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 . Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

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, 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	EP1285Y
アイソタイプ	IgG

アプリケーション

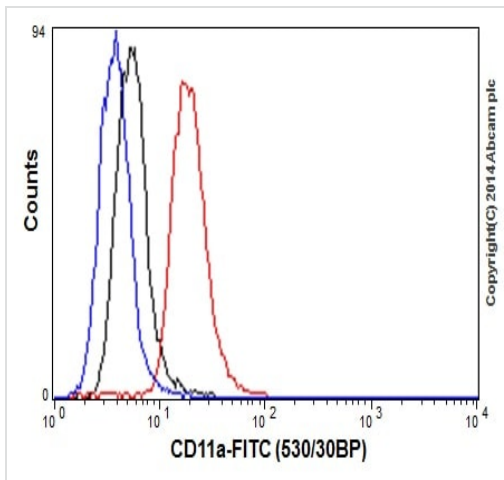
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アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/5000. Detects a band of approximately 180 kDa (predicted molecular weight: 129 kDa).
IP		1/50.
Flow Cyt		1/50. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
IHC-P		1/1000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC/IF		1/100.

ターゲット情報

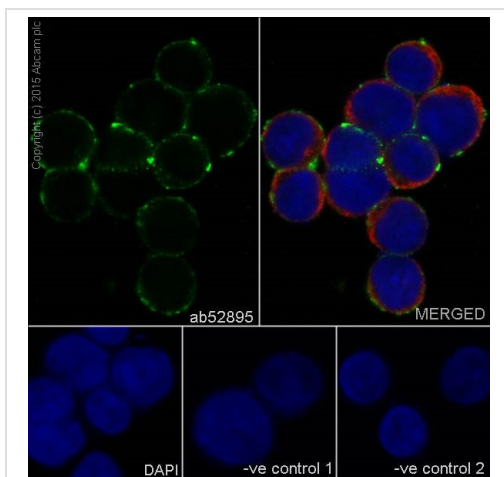
機能	Integrin alpha-L/beta-2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. It is involved in a variety of immune phenomena including leukocyte-endothelial cell interaction, cytotoxic T-cell mediated killing, and antibody dependent killing by granulocytes and monocytes.
組織特異性	Leukocytes.
配列類似性	Belongs 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



Flow Cytometry - Anti-CD11a antibody [EP1285Y]
(ab52895)

Flow cytometry analysis of 2% paraformaldehyde fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling CD11a with ab52895 at 1/50 dilution (red line). Secondary antibody used is a goat anti rabbit IgG (FITC) at 1/150 dilution. The isotype control is rabbit monoclonal IgG (black line). The unlabeled control is cells without incubation with primary and secondary antibodies (blue line).

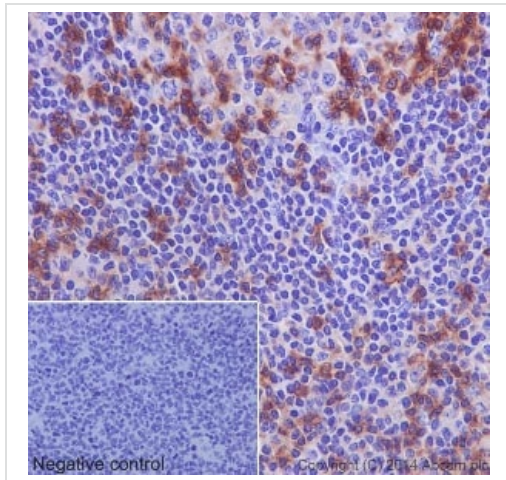


Immunocytochemistry/ Immunofluorescence - Anti-CD11a antibody [EP1285Y] (ab52895)

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling CD11a with ab52895 at 1/100 dilution. Goat anti-rabbit IgG (Alexa Fluor® 488) ([ab150077](#)) at 1/400 dilution was used as the secondary antibody (green). Confocal image shows membrane and cytoplasmic staining on Jurkat cells. The nuclear counter stain is DAPI (blue). Tubulin is detected with [ab7291](#) (anti-Tubulin mouse mAb) at 1/500 and [ab150120](#) (AlexaFluor®594 Goat anti-Mouse secondary) at 1/500 dilution (red).

The negative controls are as follows;

1. ab52895 at 1/100 dilution followed by [ab150120](#) (AlexaFluor®594 Goat anti-Mouse secondary) at 1/500 dilution.
2. [ab7291](#) (anti-Tubulin mouse mAb) at 1/500 dilution followed by [ab150077](#) (Alexa Fluor®488 Goat Anti-Rabbit IgG H&L) at 1/400 dilution.

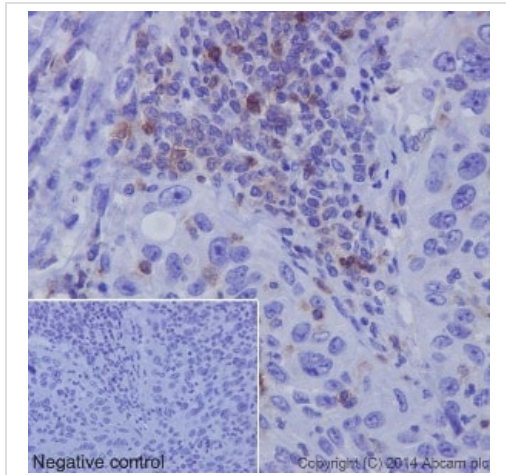


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD11a antibody [EP1285Y] (ab52895)

Immunohistochemical analysis of paraffin-embedded Human tonsil labeling CD11a with ab52895 at 1/1000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ([ab79051](#)) at 1/500 dilution.

Membrane/cytoplasm staining on lymphocytes of human tonsil is observed. The negative control utilised PBS instead of primary antibody. Counter stained with Hematoxylin.

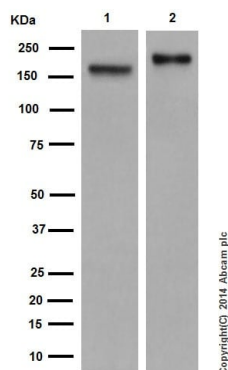
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD11a antibody [EP1285Y] (ab52895)

Immunohistochemical analysis of paraffin-embedded Human squamous cell cervical carcinoma labeling CD11a with ab52895 at 1/1000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ([ab79051](#)) at 1/500 dilution. Membrane/cytoplasmic staining on stromal inflammatory cells of human cervical cancer is observed. The negative control utilised PBS instead of primary antibody. Counter stained with Hematoxylin.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western blot - Anti-CD11a antibody [EP1285Y]
(ab52895)

All lanes : Anti-CD11a antibody [EP1285Y] (ab52895) at 1/5000 dilution

Lane 1 : Jurkat (Human T cell leukemia cells from peripheral blood) whole cell lysates

Lane 2 : THP-1 (Human monocytic leukemia cells) whole cell lysates

Lysates/proteins at 20 µg per lane.

Secondary

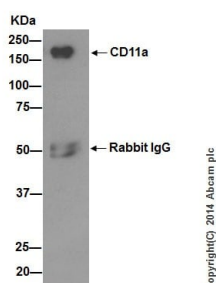
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 129 kDa

Additional bands at: 180 kDa (possible glycosylated form)

Blocking and Dilution buffer: 5% NFDM/TBST

The band in THP-1 cells is higher than that in Jurkat cells due to the different glycosylation level in different materials.



Immunoprecipitation - Anti-CD11a antibody
[EP1285Y] (ab52895)

CD11a was immunoprecipitated from 1mg of Jurkat(Human T cell leukemia cells from peripheral blood) whole cell lysates using ab52895 at 1/50 dilution. Western blot was performed from the immunoprecipitate using ab52895 at 1/1000 dilution. Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/1000 dilution.

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

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Anti-CD11a antibody [EP1285Y] (ab52895)

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