# abcam

# Product datasheet

# Anti-ICAM3 antibody [EPR3994-123] ab109405

יעלאעבע RabMAb

1 References 画像数6

#### 製品の概要

製品名 Anti-ICAM3 antibody [EPR3994-123]

製品の詳細 Rabbit monoclonal [EPR3994-123] to ICAM3

由来種 Rabbit

アプリケーション 適用あり: ICC/IF, WB, IHC-P

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 U937, HeLa, Jurkat, HuT-78, Ramos, and THP-1 cell lysates; Human spleen, colon and tonsil

tissue.

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 -20°C. Stable for 12 months at -20°C.

バッファー

Preservative: 0.05% Sodium azide

Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue

culture supernatant

精製度 Protein A purified

モノクローナル ポリモノ

アイソタイプ

ΙgG

#### アプリケーション

**The Abpromise guarantee** <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab109405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
ICC/IF		1/100 - 1/250.
WB		1/1000 - 1/10000. Predicted molecular weight: 60 kDa.
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

### ターゲット情報

機能 ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2).

ICAM3 is also a ligand for integrin alpha-D/beta-2.

配列類似性 Belongs to the immunoglobulin superfamily. ICAM family.

Contains 5 lg-like C2-type (immunoglobulin-like) domains.

翻訳後修飾 Upon stimulation by a physiologic stimuli becomes rapidly and transiently phosphorylated on

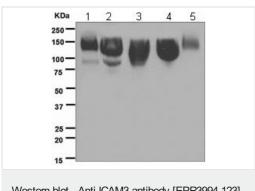
serine residues.

N-glycosylated; glycans consist of a mixture of tri- and tetra-antennary complex-type chains and

high-mannose chains.

細胞内局在 Membrane.

# 画像



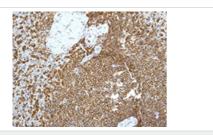
Western blot - Anti-ICAM3 antibody [EPR3994-123] (ab109405)

**All lanes :** Anti-ICAM3 antibody [EPR3994-123] (ab109405) at 1/1000 dilution

Lane 1 : U937 cell lysate
Lane 2 : Jurkat cell lysate
Lane 3 : HuT-78 cell lysate
Lane 4 : Ramos cell lysate
Lane 5 : THP-1 cell lysate

Lysates/proteins at 10 µg per lane.

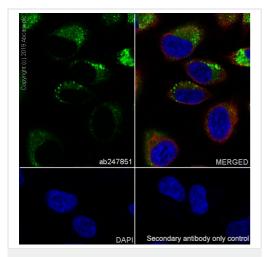
Predicted band size: 60 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-ICAM3 antibody
[EPR3994-123] (ab109405)

Immunohistochemical analysis of ICAM3 in paraffin-embedded Human spleen tissue using ab109405 at 1/500 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

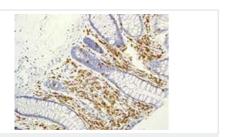


Immunocytochemistry/ Immunofluorescence - Anti-ICAM3 antibody [EPR3994-123] (ab109405)

This data was developed using the same antibody clone in a different buffer formulation (ab247851).

Immunocytochemistry analysis of HeLa (Human cervix adenocarcinoma epithelial cell) labeling ICAM3 with purified **ab247851** at 1/500 dilution. Cells were fixed with 4% Paraformaldehyde and permeabilised with 0.1% tritonX-100. Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/1000 (2 µg/ml) was used as the secondary antibody. **ab195889** Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1/200 (2.24 µg/ml) was used as counterstain. Nuclei were stained blue with DAPI.

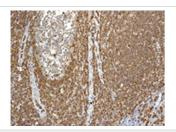
Negative control: PBS instead of the primary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-ICAM3 antibody
[EPR3994-123] (ab109405)

Immunohistochemical analysis of ICAM3 in paraffin-embedded Human colon tissue using ab109405 at 1/500 dilution.

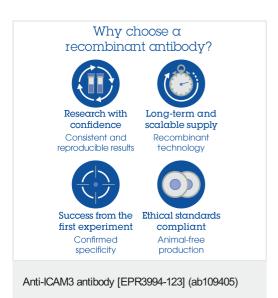
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-ICAM3 antibody
[EPR3994-123] (ab109405)

Immunohistochemical analysis of ICAM3 in paraffin-embedded Human tonsil tissue using ab109405 at 1/500dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



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