

Datasheet for ABIN670806
anti-ICAM1 antibody (AA 201-300)

6 Images

16 Publications

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Overview

Quantity:	100 µL
Target:	ICAM1
Binding Specificity:	AA 201-300
Reactivity:	Human, Mouse, Rat, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ICAM1 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse ICAM1
Isotype:	IgG
Specificity:	KO-Validated
Cross-Reactivity:	Human, Mouse, Rabbit, Rat
Purification:	Purified by Protein A.

Target Details

Target:	ICAM1
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Target Details

Alternative Name:	ICAM1 (ICAM1 Products)
Target Type:	Viral Protein
Background:	Synonyms: CD54, Ly-47, Icam-1, MALA-2, Intercellular adhesion molecule 1, MyD1, Icam1 Background: ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation (By similarity).
Gene ID:	15894
UniProt:	P13597
Pathways:	Cellular Response to Molecule of Bacterial Origin , Regulation of Actin Filament Polymerization , Carbohydrate Homeostasis , Regulation of Leukocyte Mediated Immunity , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

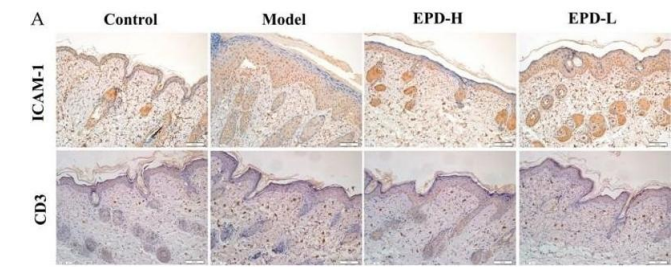
Product cited in: Zhang, Hua, Hou, Du, He, Liu, Hu, Yan: "Sphingomyelin synthase 2 promotes H2O2-induced endothelial dysfunction by activating the Wnt/ β -catenin signaling pathway." in: **International journal of molecular medicine**, Vol. 42, Issue 6, pp. 3344-3354, (2019) ([PubMed](#)).

Yang, Cheng, Liu, Liu, Tan, Guan, Guo, Kuang: "Datura Metel L. Ameliorates Imiquimod-Induced Psoriasis-Like Dermatitis and Inhibits Inflammatory Cytokines Production through TLR7/8-MyD88-NF- κ B-NLRP3 Inflammasome Pathway." in: **Molecules (Basel, Switzerland)**, Vol. 24, Issue 11, (2019) ([PubMed](#)).

Kim, Ko, Lee, Kim, Jo, Cho: "Blocking junctional adhesion molecule C promotes the recovery of cisplatin-induced acute kidney injury." in: **The Korean journal of internal medicine**, Vol. 32, Issue 6, pp. 1053-1061, (2018) ([PubMed](#)).

Wang, Li, Liu, Wang, Cao: "Inhibitory effect of Zanthoxylum bungeanum seed oil on ovalbumin-induced lung inflammation in a murine model of asthma." in: **Molecular medicine reports**, Vol. 13, Issue 5, pp. 4289-302, (2017) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)

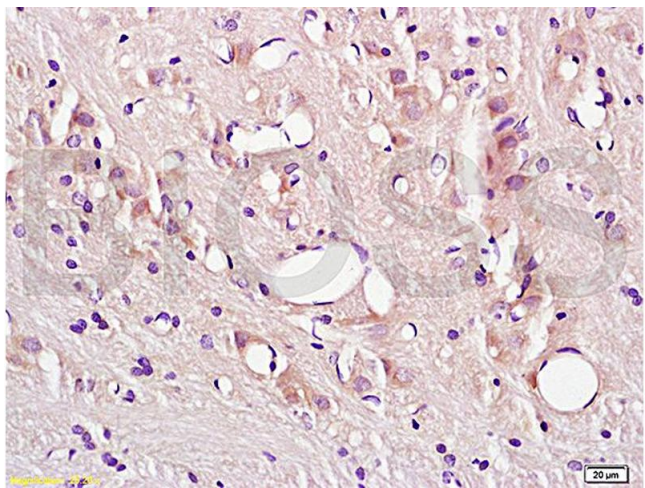


Immunohistochemistry (Paraffin-embedded Sections)

Image 1. EPD inhibited inflammatory cell infiltration in IMQ-induced psoriasis-like mouse model. (A) The expression of intercellular adhesion molecule 1 (ICAM-1) and CD3 in each group were detected by immunohistochemistry (200x). (B) AOD of PCNA in each group. (C) Quantification of CD3-positive cells in skin tissues. Values are presented as the means \pm SD (n = 3). ** P < 0.01 vs. Control group, ##P < 0.01 vs. Model group. - figure provided by CiteAb. Source: PMID31181689

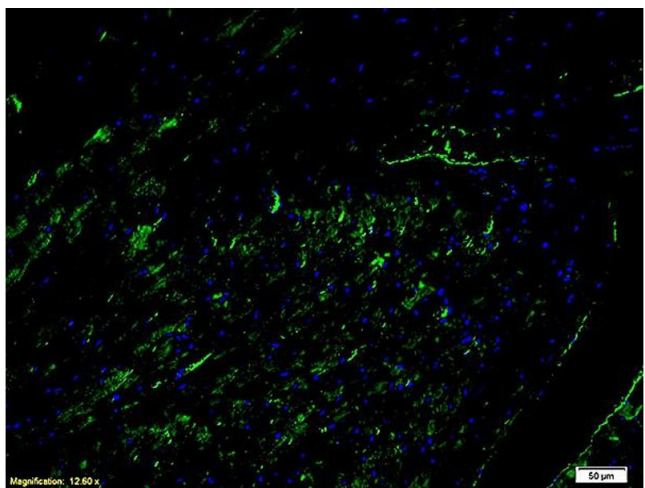
Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat brain tissue labeled with Anti-CD54/ICAM-1 Polyclonal Antibody (ABIN670806), Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunofluorescence

Image 3. Formalin-fixed and paraffin embedded mouse heart tissue labeled with Anti-CD54 ICAM-1 Polyclonal Antibody, unconjugated (ABIN670806) at 1: 200, followed by incubation with conjugated secondary antibody (Goat Anti-Rabbit IgG, PE conjugated at 1: 200 for 40 minutes at 37°C). and DAPI staining).



Please check the [product details page](#) for more images. Overall 6 images are available for ABIN670806.