

产品名称: Phospho-ICAM-1 (Tyr512) Rabbit Polyclonal Antibody

产品货号: APRab04812

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,ELISA
种属反应(Reactivity)	Human,Rat,Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Phosphorylated
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液(Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
分子量(Molecular Weight)	57kDa

抗原信息(Antigen Information)

基因名(Gene Name)	ICAM1
别名(Alternative Names)	ICAM1; Intercellular adhesion molecule 1; ICAM-1; Major group rhinovirus receptor; CD antigen CD54
基因 ID(Gene ID)	3383.0
SwissProt ID	P05362
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human ICAM-1 around the phosphorylation site of Tyr512. AA range:479-528

研究背景 (Background)

This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system.

It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor. [provided by RefSeq, Jul 2008],function: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 SGEF and RHOG activation. In case of rhinovirus infection acts as a cellular receptor for the virus.,online information:ICAM-1,online information:Icosahedral capsid structure,online information:Intercellular adhesion molecule entry,polymorphism:Homozygotes with ICAM1-Kalifi Met-56 seem to have an increased risk for cerebral malaria.,PTM:Monoubiquitinated, which is promoted by MARCH9 and leads to endocytosis.,similarity:Belongs to the immunoglobulin superfamily. ICAM family.,similarity:Contains 5 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Homodimer (Probable). Interacts with human herpesvirus 8 MIR2 protein (Probable). Interacts with MUC1 and promotes cell aggregation in epithelial cells. Interacts with SGEF. Binds to coxsackievirus A21 capsid proteins and acts as a receptor for this virus.,

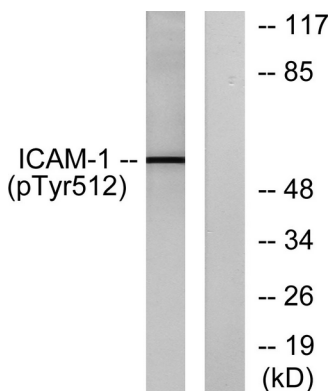
研究领域 (Research Area)

Cell adhesion molecules (CAMs);Natural killer cell mediated cytotoxicity;Leukocyte transendothelial migration;Viral myocarditis;

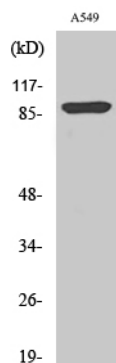
注意事项 (Note)

For research use only.

图片 (Image Data)



Western blot analysis of lysates from HeLa cells treated with TNF-alpha 20ng/ml 5', using ICAM-1 (Phospho-Tyr512) Antibody. The lane on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-ICAM-1 (Y512) Polyclonal Antibody diluted at 1: 500

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产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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