

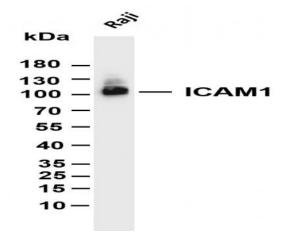
## ICAM1 (PT0133R) PT® Rabbit mAb

| Catalog No :                     | YM8074   |
|----------------------------------|--|
| Reactivity :                     | Human;   |
| Applications :                   | WB;IHC;IF;IP;ELISA   |
| Target :                         | ICAM-1   |
| Fields :                         | >>NF-kappa B signaling pathway;>>Cell adhesion molecules;>>Natural killer<br>cell mediated cytotoxicity;>>TNF signaling pathway;>>Leukocyte transendothelial<br>migration;>>AGE-RAGE signaling pathway in diabetic complications;>>African<br>trypanosomiasis;>>Malaria;>>Staphylococcus aureus infection;>>Influenza<br>A;>>Human T-cell leukemia virus 1 infection;>>Kaposi sarcoma-associated<br>herpesvirus infection;>>Epstein-Barr virus infection;>>Rheumatoid<br>arthritis;>>Viral myocarditis;>>Lipid and atherosclerosis;>>Fluid shear stress and<br>atherosclerosis |
| Gene Name :                      | ICAM1  |
| Protein Name :                   | Intercellular adhesion molecule 1  |
| Human Gene Id :                  | 3383   |
| Human Swiss Prot                 | P05362   |
| No :<br>Mouse Swiss Prot<br>No : | P13597   |
| Specificity :                    | endogenous   |
| Formulation :                    | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA   |
| Source :                         | Monoclonal, rabbit, IgG, Kappa   |
| Dilution :                       | IHC 1:100-200,WB 1:1000-5000,IF 1:200-1000,ELISA 1:5000-20000,IP<br>1:50-200   |
| Purification :                   | Protein A  |
|                                  | -15°C to -25°C/1 year(Do not lower than -25°C)   |



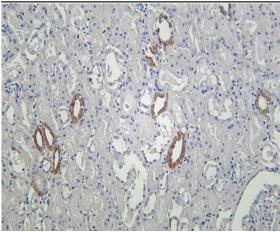
| Best Tools for immunology Research            |  |  |
|---|--|--|
| <b>Shoh</b> æcg.d æ <b>t va bii dji hyt</b> : | 58kD   |  |
|   |  |  |
| <b>Observed Band :</b>                        | 100kD  |  |
|   |  |  |
| Cell Pathway :                                | Cell adhesion molecules (CAMs);Natural killer cell mediated  |  |
|   | cytotoxicity;Leukocyte transendothelial migration;Viral myocarditis;   |  |
| 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 :                                    | 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 a |  |
| Subcellular                                   | Membranous   |  |
| Location :                                    |  |  |
| Expression :                                  | Blood,Kidney,Liver,Melanoma,Plasma,  |  |

## **Products Images**



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ICAM1 (PT0133R) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Raji Predicted band size: 58kDa Observed band size: 100kDa





Human kidney was stained with Anti-ICAM1 (PT0133R) rabbit antibody