

CD54 (PN0342) Nb-FC recombinant antibody

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| Catalog No : | YA0398 |
| Reactivity : | Human |
| Applications : | ELISA |
| Target : | CD54 |
| Gene Name : | ICAM1 |
| Protein Name : | Intercellular adhesion molecule 1 (ICAM-1) (Major group rhinovirus receptor) (CD antigen CD54) |
| Human Gene Id : | 3383 |
| Human Swiss Prot No : | P05362 |
| Immunogen : | Purified recombinant Human CD54 |
| Specificity : | This recombinant monoclonal antibody can detects endogenous levels of CD54 protein. |
| Formulation : | Phosphate-buffered solution |
| Source : | Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell |
| Dilution : | ELISA 1:5000-100000 |
| Purification : | Recombinant Expression and Affinity purified |
| Concentration : | Please check the information on the tube |
| Storage Stability : | -15°C to -25°C/1 year(Avoid freeze / thaw cycles) |
| 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]

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| 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 aggregatio |
| Subcellular Location : | Membrane; Single-pass type I membrane protein. |
| Expression : | Blood,Kidney,Liver,Melanoma,Plasma |
| Tag : | recombinant |
| Sort : | 1000 |
| No4 : | 1 |
| Speciality : | Nanobody |

Products Images

