

CD54 (PN0347) Nb-FC recombinant antibody

Catalog No :	YA0403
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]

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

Products Images