

Monkey CD365-hlgG1

Cat No.: 03-01-2376

Product Name: Monkey CD365-hlgG1

Description: TIM-1 is a member of TIM type I cell-surface glycoproteins,

which include an N-terminal immunoglobulin (Ig)-like

domain, a mucin domain with distinct length, a single

transmembrane domain, and a C-terminal short cytoplasmic

tail.TIM-1 is preferentially expressed on Th2 cells and has

been identified as a stimulatory molecule for T-cell

activation.TIM genes are also involved in host-virus

interaction. As receptors for phosphatidylserine, TIM

proteins bind many families of viruses [filovirus, flavivirus,

New World arenavirus and alphavirus] that include viruses

such as dengue and ebola. Interestingly entry of Lassa

fever virus, influenza A virus, and SARS coronavirus were

not affected by TIM-1 expression. TIM-1 and TIM-4

enhanced viral entry more than TIM-3.TIM-1 serves as a

receptor for hepatitis A virus (PubMed:9658108), Ebola virus

and marburg virus by binding exposed phosphatidyl-serine

at the surface of virion membrane (PubMed:21536871),and

Dengue virus by binding exposed phosphatidyl-serine at the

surface of virion membrane.

Type: Protein

Property: Recombinant Protein

Source: HEK293

Genbank No.: O46598 (aa.21-290)

Applications: ELISA, WB, Immunogen

Formulation: Each vial contains 50ug purified protein(1mg/ml) in

PBS(pH7.4).

Purity: >95%

Storage: Store at -80°C, Avoid freeze / thaw cycle.

Limitation: For research use only, not for use in diagnostic procedures.