



Mouse CD6

Cat No.:	03-01-0097
Product Name:	Mouse CD6
Description:	CD6 is a cell adhesion molecule that mediates cell-cell contacts and regulates T cell responses via its interaction with ALCAM/CD166. It functions as costimulatory molecule, promotes T-cell activation and proliferation, contributing to the formation and maturation of the immunological synapse. It also serves as calcium-dependent pattern receptor that binds and aggregates both Gram-positive and Gram-negative bacteria through binding to both lipopolysaccharide (LPS) from Gram-negative bacteria and lipoteichoic acid from Gram-positive bacteria, resulting in activation of the inflammatory response and the secretion of pro-inflammatory cytokines .
Type:	Protein
Property:	Recombinant Protein
Source:	HEK293
Genbank No.:	Q61003 (aa.17-398)
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.