Mouse ALCAM Antibody Pair Set

Catalog No. E-KAB-0585 **Applications** ELISA
Synonyms CD166;MEMD

Kit components & Storage

Title	Specifications	Storage
Mouse ALCAM Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Mouse ALCAM Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

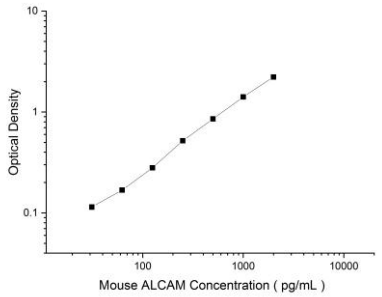
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0585)	
		Mouse ALCAM Capture Antibody	Mouse ALCAM Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse ALCAM protien	Recombinant Mouse ALCAM protien
	Swissprot	Q61490	
Product details	Reactivity	Mouse	Mouse
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Mouse ALCAM in ELISAs.	

Applications

Mouse ALCAM Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Mouse ALCAM Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse ALCAM Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

Cell adhesion molecule that mediates both heterotypic cell-cell contacts via its interaction with CD6 , as well as homotypic cell-cell contacts. Promotes T-cell activation and proliferation via its interactions with CD6.Contributes to the formation and maturation of the immunological synapse via its interactions with CD6.Mediates homotypic interactions with cells that express ALCAM.Mediates attachment of dendritic cells onto endothelial cells via homotypic interaction. Inhibits endothelial cell migration and promotes endothelial tube formation via homotypic interactions .Required for normal organization of the lymph vessel network .