

Mouse ICAM-1/CD54 Antibody Pair Set

Catalog No.	E-KAB-0558	Applications	ELISA
Synonyms	BB2;CD54;Cell surface glycoprotein P3.58;Human rhinovirus receptor;ICAM1;MALA2		

Kit components & Storage

Title	Specifications	Storage
Mouse ICAM-1/CD54 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Mouse ICAM-1/CD54 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

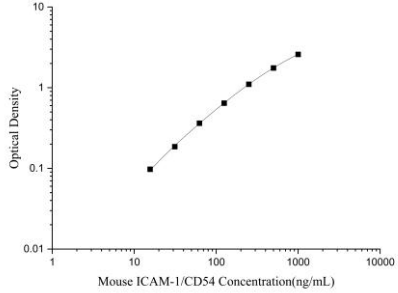
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0558)	
		Mouse ICAM-1/CD54 Capture Antibody	Mouse ICAM-1/CD54 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse ICAM-1/CD54 protien	Recombinant Mouse ICAM-1/CD54 protien
	Swissprot	P13597	
Product details	Reactivity	Mouse	Mouse
	Host	Rat	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	Protein A or G	Antigen Affinity
	Specificity	Detects Mouse ICAM-1/CD54 in ELISAs.	

Applications

Mouse ICAM-1/CD54 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4 µg/mL	Mouse ICAM-1/CD54 Capture Antibody	 <table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Mouse ICAM-1/CD54 Concentration (ng/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr><td>10</td><td>0.1</td></tr> <tr><td>20</td><td>0.2</td></tr> <tr><td>50</td><td>0.4</td></tr> <tr><td>100</td><td>0.6</td></tr> <tr><td>200</td><td>1.0</td></tr> <tr><td>500</td><td>1.8</td></tr> <tr><td>1000</td><td>2.5</td></tr> </tbody> </table>	Mouse ICAM-1/CD54 Concentration (ng/mL)	Optical Density	10	0.1	20	0.2	50	0.4	100	0.6	200	1.0	500	1.8	1000	2.5
Mouse ICAM-1/CD54 Concentration (ng/mL)	Optical Density																		
10	0.1																		
20	0.2																		
50	0.4																		
100	0.6																		
200	1.0																		
500	1.8																		
1000	2.5																		
ELISA Detection	1:1000-1:10000	Mouse ICAM-1/CD54 Detection Antibody (Biotin)																	

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

Background

This gene encodes an integral membrane protein that binds leukocyte adhesion protein LFA-1. It participates in the innate immune response.