

Mouse FAS/CD95 Antibody Pair Set

Catalog No.	E-KAB-0691	Applications	ELISA
Synonyms	FASR;TNFRSF6;APO1;APT1;FAS1;FASTM;ALPS1A		

Kit components & Storage

Title	Specifications	Storage
Mouse FAS/CD95 Capture Antibody	1 vial, 100 µg	Store at -20°C. Avoid freeze / thaw cycles.
Mouse FAS/CD95 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C. Avoid freeze / thaw cycles.

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

Product Information

Items		Characteristic (E-KAB-0691)	
		Mouse FAS/CD95 Capture Antibody	Mouse FAS/CD95 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse FAS protein	Recombinant Mouse FAS protein
	Swissprot	P25446	
Product details	Reactivity	Mouse	Mouse
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Affinity purification	Affinity purification
	Specificity	Detects Mouse FAS in ELISAs.	

Applications

Mouse FAS Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																		
ELISA Capture	0.5-4ug/mL	Mouse FAS/CD95 Capture Antibody	<table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Mouse FAS/CD95 Concentration (pg/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr><td>10</td><td>0.08</td></tr> <tr><td>20</td><td>0.10</td></tr> <tr><td>50</td><td>0.20</td></tr> <tr><td>100</td><td>0.30</td></tr> <tr><td>200</td><td>0.50</td></tr> <tr><td>500</td><td>1.00</td></tr> <tr><td>1000</td><td>2.00</td></tr> <tr><td>2000</td><td>3.00</td></tr> </tbody> </table>	Mouse FAS/CD95 Concentration (pg/mL)	Optical Density	10	0.08	20	0.10	50	0.20	100	0.30	200	0.50	500	1.00	1000	2.00	2000	3.00
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ELISA Detection	1:1000-1:10000	Mouse FAS/CD95 Detection Antibody (Biotin)																			

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

Background

CD95 is a 45 kD single chain type I glycoprotein also known as Fas, APO-1, and TNFRSF6. It is a member of the TNF receptor superfamily. CD95 is expressed on T and B lymphocytes, monocytes, neutrophils, and fibroblasts. CD95 expression is upregulated by activation. The extracellular region of CD95 binds to CD178 (Fas ligand). CD178 binding to CD95 induces apoptosis and has been shown to play a role in the maintenance of peripheral tolerance.