Mouse C3d Antibody Pair Set

Catalog No. E-KAB-0583 **Applications** ELISA
Synonyms C3d

Kit components & Storage

Title	Specifications	Storage
Mouse C3d Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Mouse C3d Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

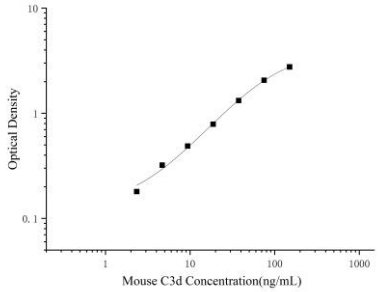
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0583)	
		Mouse C3d Capture Antibody	Mouse C3d Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse C3d protien	Recombinant Mouse C3d protien
	Swissprot	P22272	
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 C3d in ELISAs.	

Applications

Mouse C3d Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Mouse C3d Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse C3d Detection Antibody (Biotin)	

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

Background

Part of the receptor for interleukin 6. Binds to IL6 with low affinity , but does not transduce a signal. Signal activation necessitate an association with IL6ST. Activation leads to the regulation of the immune response , acute-phase reactions and hematopoiesis. The interaction with membrane-bound IL6R and IL6ST stimulates 'classic signaling' , the restricted expression of the IL6R limits classic IL6 signaling to only a few tissues such as the liver and some cells of the immune system. Whereas the binding of IL6 and soluble IL6R to IL6ST stimulates 'trans-signaling'. Alternatively , 'cluster signaling' occurs when membrane-bound IL6:IL6R complexes on transmitter cells activate IL6ST receptors on neighboring receiver cells.