

Mouse IL-16 Antibody Pair Set

Catalog No.	E-KAB-0578	Applications	ELISA
Synonyms	IL16;LCF;NIL16;PRIL16;prIL-16		

Kit components & Storage

Title	Specifications	Storage
Mouse IL-16 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Mouse IL-16 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.

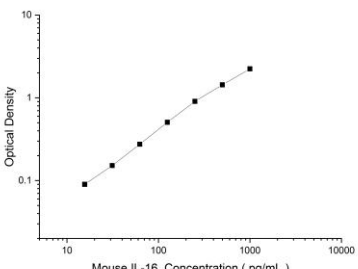
Product Information

Items		Characteristic (E-KAB-0578)	
		Mouse IL-16 Capture Antibody	Mouse IL-16 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse IL-16 protien	Recombinant Mouse IL-16 protien
	Swissprot	O54824	
Product details	Reactivity	Mouse	Mouse
	Host	Rabbit	Rabbit
	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	Protein A or G
	Specificity	Detects Mouse IL-16 in ELISAs.	

For Research Use Only

Applications

Mouse IL-16 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Mouse IL-16 Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse IL-16 Detection Antibody (Biotin)	

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

Background

Interleukin-16 stimulates a migratory response in CD4⁺ lymphocytes, monocytes, and eosinophils. Primes CD4⁺ T-cells for IL-2 and IL-15 responsiveness. Also induces T-lymphocyte expression of interleukin 2 receptor. Ligand for CD4.

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