

## Mouse CXCL15 Antibody Pair Set

Catalog No. E-KAB-0696

Applications

ELISA

Synonyms CXCL15;Lungkine;Scyb15

### Kit components & Storage

Title	Specifications	Storage
Mouse CXCL15 Capture Antibody	1 vial, 100 µg	Store at -20℃. Avoid freeze / thaw cycles.
Mouse CXCL15 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20℃. Avoid freeze / thaw cycles.

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

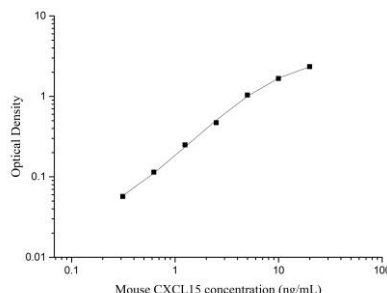
### Product Information

Items		Characteristic (E-KAB-0696)	
		Mouse CXCL15 Capture Antibody	Mouse CXCL15 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse CXCL15 protein	Recombinant Mouse CXCL15 protein
	Swissprot	Q9WVL7	
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 CXCL15 in ELISAs.	

### For Research Use Only

## Applications

Mouse CXCL15 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images														
ELISA Capture	0.5-4ug/mL	Mouse CXCL15 Capture Antibody	 <table><caption>Approximate data points from the standard curve</caption><thead><tr><th>Mouse CXCL15 concentration (ng/mL)</th><th>Optical Density</th></tr></thead><tbody><tr><td>0.1</td><td>0.05</td></tr><tr><td>0.5</td><td>0.15</td></tr><tr><td>1</td><td>0.25</td></tr><tr><td>5</td><td>0.8</td></tr><tr><td>10</td><td>1.5</td></tr><tr><td>20</td><td>2.5</td></tr></tbody></table>	Mouse CXCL15 concentration (ng/mL)	Optical Density	0.1	0.05	0.5	0.15	1	0.25	5	0.8	10	1.5	20	2.5
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ELISA Detection	1:1000-1:10000	Mouse CXCL15 Detection Antibody (Biotin)															

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

## Background

CXCL15 has a chemotactic effect on neutrophils. It is involved in lung-specific neutrophil trafficking in normal and inflammatory states. Expression restricted to the lung, produced by bronchial epithelial cells and released into the airways. It is expressed at low levels in fetal lung.