

Mouse RETN Antibody Pair Set

Catalog No.	E-KAB-0293	Applications	ELISA
Synonyms	ADSF, FIZZ3, RETN1, RSTN, XCP1		

Kit components & Storage

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

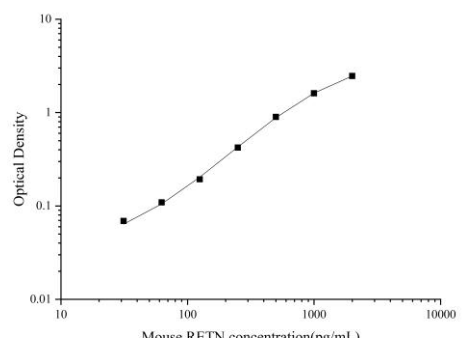
Product Information

Items		Characteristic (E-KAB-0293)	
		Mouse RETN Capture Antibody	Mouse RETN Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse RETN protein	Recombinant Mouse RETN protein
	Swissprot	Q99P87	
Product details	Reactivity	Mouse	Mouse
	Host	Rat	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	Protein A or G	Antigen Affinity
	Specificity	Detects Mouse RETN in ELISAs.	

For Research Use Only

Applications

Mouse RETN Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																		
ELISA Capture	0.5-4μg/mL	Mouse RETN Capture Antibody	 <table><caption>Approximate data points from the standard curve</caption><thead><tr><th>Mouse RETN concentration (pg/mL)</th><th>Optical Density</th></tr></thead><tbody><tr><td>10</td><td>0.05</td></tr><tr><td>20</td><td>0.1</td></tr><tr><td>50</td><td>0.2</td></tr><tr><td>100</td><td>0.4</td></tr><tr><td>200</td><td>0.8</td></tr><tr><td>500</td><td>1.5</td></tr><tr><td>1000</td><td>2.5</td></tr><tr><td>2000</td><td>4.0</td></tr></tbody></table>	Mouse RETN concentration (pg/mL)	Optical Density	10	0.05	20	0.1	50	0.2	100	0.4	200	0.8	500	1.5	1000	2.5	2000	4.0
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ELISA Detection	1:1000-1:10000	Mouse RETN Detection Antibody (Biotin)																			

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

Background

Resistin (resistance-to-insulin), also known as adipocyte-specific secretory factor (ADSF) and found in inflammatory zone 3 (FIZZ3), is a 10 kDa member of a small family of secreted cysteine-rich peptide hormones. These molecules purportedly play some role in inflammation, glucose metabolism, and angiogenesis.

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