

Mouse FETUB Antibody Pair Set

Catalog No. E-KAB-0715**Applications**

ELISA

Synonyms

FETUB;Fetuin B;fetuin beta;fetuin phosphoprotein;fetuin-B;Fetuin-like protein IRL685;16G2

Kit components & Storage

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

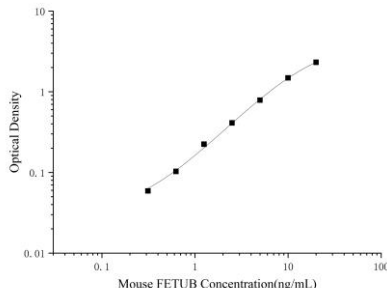
Product Information

Items		Characteristic (E-KAB-0715)	
		Mouse FETUB Capture Antibody	Mouse FETUB Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse FETUB protein	Recombinant Mouse FETUB protein
	Swissprot	Q9QXC1	
Product details	Reactivity	Mouse	Mouse
	Host	Rabbit	Rabbit
	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 FETUB in ELISAs.	

For Research Use Only

Applications

Mouse FETUB Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4ug/mL	Mouse FETUB Capture Antibody	 <table><caption>Approximate data points from the standard curve</caption><thead><tr><th>Mouse FETUB Concentration (ng/mL)</th><th>Optical Density</th></tr></thead><tbody><tr><td>0.2</td><td>0.05</td></tr><tr><td>0.5</td><td>0.1</td></tr><tr><td>1</td><td>0.2</td></tr><tr><td>2</td><td>0.4</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 FETUB Concentration (ng/mL)	Optical Density	0.2	0.05	0.5	0.1	1	0.2	2	0.4	5	0.8	10	1.5	20	2.5
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ELISA Detection	1:1000-1:10000	Mouse FETUB Detection Antibody (Biotin)																	

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

Background

Protease inhibitor required for egg fertilization. Required to prevent premature zona pellucida hardening before fertilization, probably by inhibiting the protease activity of ASTL, a protease that mediates the cleavage of ZP2 and triggers zona pellucida hardening.