

Monkey INHB Antibody Pair Set

Catalog No. E-KAB-0661

Applications

ELISA

Synonyms INH-B

Kit components & Storage

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

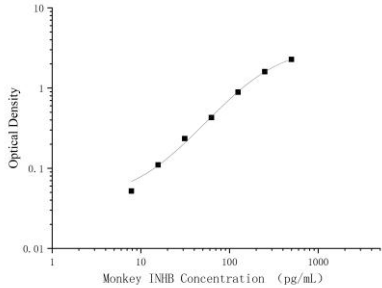
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0661)	
		Monkey INHB Capture Antibody	Monkey INHB Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Monkey INHB protein	Recombinant Monkey INHB protein
	Swissprot	/	
Product details	Reactivity	Monkey	Monkey
	Host	Mouse	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	Protein A or G	Antigen Affinity
	Specificity	Detects Monkey INHB in ELISAs.	

Applications

Monkey INHB Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4 µg/mL	Monkey INHB Capture Antibody	 <p>The graph is a log-log plot of Optical Density versus Monkey INHB Concentration (pg/mL). The x-axis ranges from 1 to 1000 pg/mL, and the y-axis ranges from 0.01 to 10. The data points form a smooth, upward-sloping curve, indicating a positive correlation between concentration and optical density.</p> <table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Monkey INHB 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> </tbody> </table>	Monkey INHB 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
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ELISA Detection	1:1000-1:10000	Monkey INHB Detection Antibody (Biotin)																	

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

Background

This gene encodes the alpha subunit of inhibins A and B protein complexes. These complexes negatively regulate follicle stimulating hormone secretion from the pituitary gland. Inhibins have also been implicated in regulating numerous cellular processes including cell proliferation, apoptosis, immune response and hormone secretion. [