

Mouse Gas6 Antibody Pair Set

Catalog No. E-KAB-0328

Applications

ELISA

Synonyms GAS-6, AXLLG, AXSF

Kit components & Storage

Title	Specifications	Storage
Mouse Gas6 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze / thaw cycles.
Mouse Gas6 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze / thaw cycles.

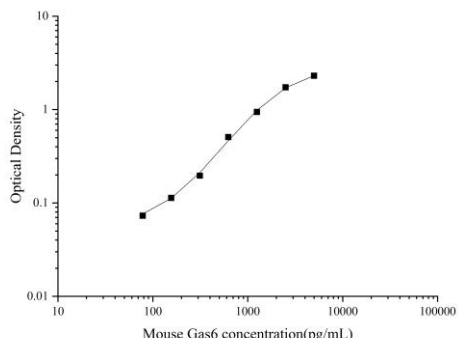
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0328)	
		Mouse Gas6 Capture Antibody	Mouse Gas6 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse Gas6 protein	Recombinant Mouse Gas6 protein
	Swissprot	Q61592	
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	Antigen Affinity	Antigen Affinity
	Specificity	Detects Mouse Gas6 in ELISAs.	

Applications

Mouse Gas6 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4µg/mL	Mouse Gas6 Capture Antibody	 <p>The graph is a log-log plot of Optical Density versus Mouse Gas6 concentration (pg/mL). The y-axis (Optical Density) ranges from 0.01 to 10, and the x-axis (Mouse Gas6 concentration) ranges from 10 to 100,000. 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>Mouse Gas6 concentration (pg/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>0.08</td> </tr> <tr> <td>200</td> <td>0.12</td> </tr> <tr> <td>500</td> <td>0.25</td> </tr> <tr> <td>1000</td> <td>0.4</td> </tr> <tr> <td>2000</td> <td>0.6</td> </tr> <tr> <td>5000</td> <td>1.2</td> </tr> <tr> <td>10000</td> <td>1.8</td> </tr> </tbody> </table>	Mouse Gas6 concentration (pg/mL)	Optical Density	100	0.08	200	0.12	500	0.25	1000	0.4	2000	0.6	5000	1.2	10000	1.8
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ELISA Detection	1:1000-1:10000	Mouse Gas6 Detection Antibody (Biotin)																	

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

Background

This gene product is a gamma-carboxyglutamic acid (Gla)-containing protein thought to be involved in the stimulation of cell proliferation, and may play a role in thrombosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Ligand for tyrosine-protein kinase receptors AXL, TYRO3 and MER whose signaling is implicated in cell growth and survival, cell adhesion and cell migration. GAS6/AXL signaling plays a role in various processes such as endothelial cell survival during acidification by preventing apoptosis, optimal cytokine signaling during human natural killer cell development, hepatic regeneration, gonadotropin-releasing hormone neuron survival and migration, platelet activation, or regulation of thrombotic responses.