Mouse gp130 Antibody Pair SetSet

Catalog No. E-KAB-0349 **Applications** ELISA
Synonyms IL6ST, CD130, CDW130, IL-6RB, IR6RB, Interleukin 6 signal transducer

Kit components & Storage

Title	Specifications	Storage
Mouse gp130 Capture Antibody	1 vial, 100 μ g	Store at -20℃. Avoid freeze/thaw cycles.
Mouse gp130 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.

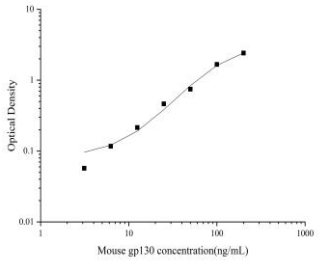
Product Information

Items		Characteristic (E-KAB-0349)	
		Mouse gp130 Capture Antibody	Mouse gp130 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse gp130 protein	Recombinant Mouse gp130 protein
	Swissprot	Q00560	
Product details	Reactivity	Mouse	Mouse
	Host	Rat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/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 gp130 in ELISAs.	

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com

Applications

Mouse gp130 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Mouse gp130 Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse gp130 Detection Antibody (Biotin)	

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

Background

The protein encoded by this gene is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). This protein functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. vIL6, a protein related to IL6 and encoded by the Kaposi sarcoma-associated herpesvirus, can bypass the interleukin 6 receptor (IL6R) and directly activate this protein. Knockout studies in mice suggest that this gene plays a critical role in regulating myocyte apoptosis. Alternatively spliced transcript variants have been described. A related pseudogene has been identified on chromosome 17.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com