

Rat BMG/ β 2-MG Antibody Pair Set

Catalog No. E-KAB-0097

Applications

ELISA

Synonyms B2MG, B2M

Kit components & Storage

Title	Specifications	Storage
Rat BMG/ β 2-MG Capture Antibody	1 vial, 100 μ g	Store at -20°C for one year. Avoid freeze / thaw cycles.
Rat BMG/ β 2-MG Detection Antibody (Biotin)	1 vial, 50 μ L	Store at -20°C for one year. Avoid freeze / thaw cycles.

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

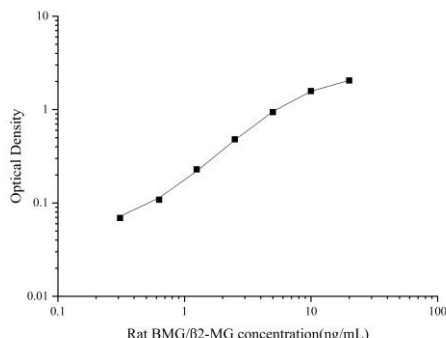
Product Information

Items		Characteristic (E-KAB-0097)	
		Rat BMG/ β 2-MG Capture Antibody	Rat BMG/ β 2-MG Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Rat BMG/ β 2-MG protein	Recombinant Rat BMG/ β 2-MG protein
	Swissprot	P07151	
Product details	Reactivity	Rat	Rat
	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	Protein A & Antigen Affinity	Protein A & Antigen Affinity
	Specificity	Detects Rat BMG/ β 2-MG in ELISAs.	

For Research Use Only

Applications

Rat BMG/β2-MG Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4μg/mL	Rat BMG/β2-MG Capture Antibody	
ELISA Detection	1:1000-1:10000	Rat BMG/β2-MG Detection Antibody (Biotin)	

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

Background

Beta-2-microglobulin (B2M) is a component of MHC class I molecules, which are present on the surface of nearly all nucleated cells. It can be found in body fluids under physiologic conditions as a result of shedding from cell surfaces or intracellular release. B2M has various biological functions, including antigen presentation. Investigations reveal that increased synthesis and release of B2M are present in several malignant diseases.