

Mouse Monoclonal Antibody to CGB

Purified Mouse Monoclonal Antibody

Catalog # AO2330a

Product Information

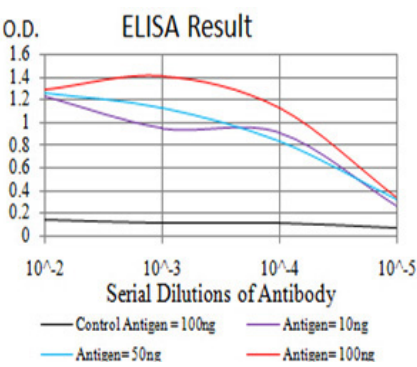
Application	WB, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	4B8B3
Isotype	Mouse IgG1
Calculated MW	17 KDa
Description	This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene.;
Immunogen	Purified recombinant fragment of human CGB (AA: 21-165) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide
Application Note	ELISA: 1/10000; WB: 1/500 - 1/2000;

Additional Information

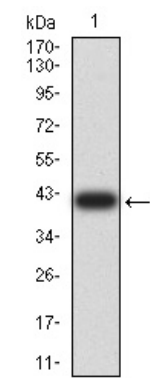
Other Names	CGB3; CGB5; CGB7; CGB8; hCGB
Dilution	WB~~1:1000 E~~N/A
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse Monoclonal Antibody to CGB is for research use only and not for use in diagnostic or therapeutic procedures.

References

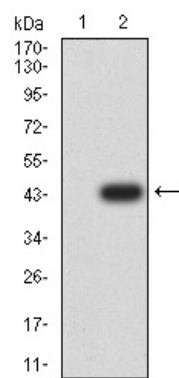
1.Placenta. 2015 Apr;36 Suppl 1:S60-5. ; 2.Int J Gynecol Cancer. 2014 Nov;24(9):1709-14.;



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using CGB mAb against human CGB (AA: 21-165) recombinant protein. (Expected MW is 41.4 kDa)



Western blot analysis using CGB mAb against HEK293 (1) and CGB (AA: 21-165)-hIgGFc transfected HEK293 (2) cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.