

Mouse Monoclonal Antibody to CGB

Catalogue Number sAP-1331

Target Molecule **Name:** CGB

Aliases: CGB3; CGB5; CGB7; CGB8; hCGB

MW: 17.7kDa

Entrez Gene ID: 1082

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.

Reactive Species Human;

Clone MM4B8B3;

Size and Concentration 100µg/1mg/ml

Supplied as Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide

Reconstitution/Storages Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

Applications ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM:

Shipping Regular FEDEX overnight shipment (ambient temperature)

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

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**