bsm-43075M

[Primary Antibody]

Human CGA Mouse mAb

BiOSS ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

─ DATASHEET ─

Host: Mouse

Isotype: IgG

Clonality: Monoclonal

CloneNo.: 9H5

GeneID: 1081

SWISS: P01215

Target: Human CGA

Immunogen: Recombinant Human FSH Protein: 25-116/116.

Purification: affinity purified by Protein A

Storage: Size : 50ul/100ul/200ul
0.01M PBS (pH7.4).
Size : 200ug (PBS only)
0.01M PBS
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH). follicle stimulating hormone (FSH). and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical. however. their beta chains are unique and confer biological specificity. The protein encoded by this gene is the alpha subunit and belongs to the glycoprotein hormones alpha chain family. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]
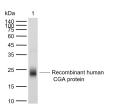
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:400-800)
IF (1:100-500)
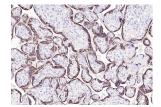
Reactivity: Human

Predicted MW.: 13 kDa

Subcellular Location: Secreted

─ VALIDATION IMAGES ─

Sample: Lane 1: Recombinant human CGA protein, His (HEK293)(bs-43075P) Primary: Anti-Human CGA (bsm-43075M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 13 kDa Observed band size: 23 kDa

Paraformaldehyde-fixed, paraffin embedded (human placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Human CGA) Monoclonal Antibody, Unconjugated (bsm-43075M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.