

Mouse Monoclonal Antibody to CGA

Catalogue Number	sAP-1056
Target Molecule	Name: CGA Aliases: HCG; LHA; FSHA; GPHa; TSHA; GPHA1; CG-ALPHA MW: 13kDa Entrez Gene ID: 1081
Description	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.
Immunogen	Purified recombinant fragment of human CGA (AA: 25-147) expressed in E. Coli.
Recitative Species	Human;
Clone	MM2E6B3;
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 H ₂ O, 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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Reprod Biol Endocrinol. 2011 Aug 12;9:114. ; 2. Hum Reprod. 2006 Mar;21(3):823-8.

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**