



Anti-CGA monoclonal antibody, clone INN-hCG-45 (CABT-49221MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti hCG (Holo C3 Epitope) antibody, clone INN-hCG-45 recognizes intact human chorionic gonadotropin (holo-hCG), binding to the c3 epitope on hCG. Mouse anti hCG (Holo C3 Epitope) antibody, clone INN-hCG-45 does not recognize the free α or β subunits of human chorionic gonadotropin.
Specificity	hCG
Immunogen	Human CG
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	INN-hCG-45
Conjugate	Unconjugated
Applications	ELISA; RIA
Format	Purified IgG - liquid
Size	500 μ g
Preservative	See individual product datasheet
Storage	Store at +4°C for one month or at -20°C for longer. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CGA glycoprotein hormones, alpha polypeptide [Homo sapiens (human)]
Official Symbol	CGA
Synonyms	CGA; glycoprotein hormones, alpha polypeptide; HCG; LHA; FSHA; GPHA; TSHA; GPHA1; CG-ALPHA; glycoprotein hormones alpha chain; FSH-alpha; LSH-alpha; TSH-alpha; lutropin alpha chain; follitropin alpha chain; thyrotropin alpha chain; choriogonadotropin alph
Entrez Gene ID	1081
Protein Refseq	NP_000726
UniProt ID	P01233
Chromosome Location	6q12-q21
Pathway	Amine-derived hormones; Androgen biosynthesis; Autoimmune thyroid disease; Class A/1 (Rhodopsin-like receptors); Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; FSH signaling pathway; G alpha (s) signalling events;
Function	hormone activity; protein binding;