



Anti-CGA monoclonal antibody, clone 5A5 (CABT-49160MH)

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

PRODUCT INFORMATION

Product Overview	This product recognizes human luteinizing hormone, a gonadotrophic hormone found in the anterior lobe of the pituitary gland. shows the following cross-reactivities with related hormones: FSH 24% hCG 24% TSH 11% hCG-beta 5%
Specificity	CGA
Immunogen	Human Luteinizing Hormone
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	5A5
Conjugate	Unconjugated
Applications	IRMA
Format	Purified IgG - liquid
Size	1 mg
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. 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	P01229
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-opiomelanocortin deficiency (POMCD); Disease; FSH signaling pathway; G alpha (s) signalling events;
Function	hormone activity; protein binding;