

ARG10081 anti-hCG alpha antibody [CH5]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [CH5] recognizes hCG alpha
Tested Reactivity	Hu
Tested Application	ELISA, IP, Puri
Host	Mouse
Clonality	Monoclonal
Clone	CH5
Isotype	IgG1, kappa
Target Name	hCG alpha
Species	Human
Immunogen	Purified human chorionic gonadotropin
Conjugation	Un-conjugated
Alternate Names	FSH-alpha; LSH-alpha; FSHA; Thyrotropin alpha chain; LHA; CG-alpha; GPHA1; TSHA; Chorionic gonadotrophin subunit alpha; Luteinizing hormone alpha chain; TSH-alpha; Choriogonadotropin alpha chain; GPHA; CG-ALPHA; Anterior pituitary glycoprotein hormones common subunit alpha; Follitropin alpha chain; HCG; Glycoprotein hormones alpha chain; Thyroid-stimulating hormone alpha chain; Follicle-stimulating hormone alpha chain; Lutropin alpha chain

Application Instructions

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
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Properties

Form	Liquid
Purification	Protein G affinity purified
Buffer	0.01M PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 1081 Human
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Gene Symbol	CGA
Gene Full Name	glycoprotein hormones, alpha polypeptide
Background	Human chorionic gonadotropin (hCG) is a glycoprotein hormone produced by placenta after conception. hCG is comprised of a β subunit with 92 amino acids and a β subunit with 245 amino acids. The β subunit is identical to that of LH (Luteinizing hormone), FSH (Follicle-stimulating hormone) and TSH (Thyroid-stimulating hormone). hCG sustains corpus luteum, stimulates progesterone secretion, hence is critical to early foetus development. It has also been reported that hCG plays a role in the development of foetus's tolerance to maternal immunity. hCG is the most sensitive biomarker for pregnancy.
Research Area	Cancer antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	13 kDa
Cellular Localization	Secreted. [UniProt]