

ARG10179 anti-hCG alpha antibody [HCG-1]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [HCG-1] recognizes hCG alpha
Tested Reactivity	Hu
Tested Application	ELISA, RIA
Host	Mouse
Clonality	Monoclonal
Clone	HCG-1
Isotype	IgG1, kappa
Target Name	hCG alpha
Immunogen	Purified human chorionic gonadotropin from urine
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 table	Application	Dilution
	ELISA	Assay-dependent
	RIA	Assay-dependent

Application Note ELISA: This antibody can be used as capturer in Sandwich ELISA for quantitative determination of HCG in combination with HRP conjugated anti-HCG β subunit antibody (Cat No: ARG10180).

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

Properties

Form	Liquid
Purification	Protein G affinity purified
Buffer	0.01M PBS (pH 7.2)
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: 1082 Human Swiss-port # P01233 Human
Gene Symbol	CGA
Gene Full Name	glycoprotein hormones, alpha polypeptide
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]
Highlight	Related Antibody Duos and Panels: ARG30059 Human Chorionic Gonadotropin ELISA Antibody Duo Related products: hCG antibodies ; hCG ELISA Kits ; hCG Duos / Panels ; Anti-Mouse IgG secondary antibodies ;
Research Area	Cancer antibody; Developmental Biology antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	13 kDa
Cellular Localization	Secreted. [UniProt]