

ARG10238 anti-hCG beta antibody [27E8]

Package: 500 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [27E8] recognizes hCG beta
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Clone 27E8 specifically recognize beta subunit of hCG. Clone 27E8 is not cross-reacting with hLH, hTSH and hFSH.
Host	Mouse
Clonality	Monoclonal
Clone	27E8
Isotype	IgG1
Target Name	hCG beta
Species	Human
Conjugation	Un-conjugated
Alternate Names	hCGB; CGB5; CGB7; CGB3; Chorionic gonadotrophin chain beta; CGB8; CG-beta; Choriogonadotropin subunit beta

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
Application Note	ELISA: This antibody can be used as capture antibody in sandwich ELISA in combination with ARG10239 anti-hCG beta antibody [28A4] as detection antibody. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Protein A purified
Purification Note	Purity is tested by electrophoresis.
Concentration	1.0-2.0 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.

Gene Symbol	CGB
Gene Full Name	chorionic gonadotropin, beta polypeptide
Background	<p>This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene. [provided by RefSeq, Jul 2008]</p>
Function	<p>Stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. [UniProt]</p>
Calculated Mw	18 kDa
Cellular Localization	Secreted. [UniProt]