

Datasheet for ABIN120116
anti-hCG antibody (Domain beta 7)



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Overview

Quantity:	0.5 mg
Target:	hCG
Binding Specificity:	Domain beta 7
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This hCG antibody is un-conjugated
Application:	Radioimmunoassay (RIA), Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Clone:	INN-hCG-68
Isotype:	IgG1
Specificity:	This antibody recognises free Human Chorionic Gonadotrophin beta (hCG beta), but does not bind to holo-hCG, holo-hLH or free hLH beta. This antibody recognises the beta 7 epitope on hCG beta.
Purification:	Ion Exchange Chromatography

Target Details

Target:	hCG
Abstract:	hCG Products

Target Details

Target Type:	Hormone
Background:	Human chorionic gonadotropin (hCG) is a glycoprotein hormone produced by trophoblastic cells of the placenta beginning 10 to 12 days after conception. Maintenance of the fetus in the first trimester of pregnancy requires the production of hCG, which binds to the corpus luteum of the ovary which is stimulated to produce progesterone which in turn maintains the secretory endometrium. The beta subunit of chorionic gonadotropin (CG) is encoded by 6 highly homologous genes which are arranged in tandem and inverted pairs on chromosome 19q13.3, and contiguous with the luteinizing hormone beta subunit gene.Synonyms: CGB, CGB3, Choriogonadotropin subunit beta, beta hCG, hCG-beta
Gene ID:	1082
NCBI Accession:	NP_000728
UniProt:	P01233

Application Details

Application Notes:	ELISA. Western Blot. Radioimmunoassays. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4 containing 0.09 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.