

hCG Monoclonal Antibody (P6F11G5)

Catalog Number      MA5-14751

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Mouse / IgG1	Tested Applications	
Class	Monoclonal	ELISA (ELISA)	Assay-dependent
Type	Antibody	Immunoprecipitation (IP)	Assay-dependent
Clone	P6F11G5	Radioimmune Assays (RIA)	Assay-dependent
Immunogen	Human Chorionic Gonadotropin	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Protein A		
Storage buffer	PBS, pH 7.4, with 1mg/mL BSA		
Contains	0.05% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C		

Product specific information

MA5-14751 targets Chorionic Gonadotropin in ELISA, IP, and RIA applications and shows reactivity with Human samples. The MA5-14751 immunogen is human Chorionic Gonadotropin. Product MA514751 is a smaller package size of MIH9820 (formerly sold as a Seradyn product).

Background/Target Information

Human chorionic gonadotropin (hCG) is a placental hormone that stimulates secretion of the pregnancy-sustaining steroid progesterone. hCG is a member of a family of glycoprotein hormones including pituitary hormones lutropin (luteinizing hormone;LH), follitropin (follicle-stimulating hormone; FSH) and thyrotropin (thyroid-stimulating hormone; TSH). Members of this family are all composed of disulfide-rich heterodimers with two dissimilar subunits namely alpha- and beta-subunits. The alpha subunit is common to all the members of the family within a given species. The beta subunits are distinct in each of the hormones and confer the receptor and biological specificity.

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