

Product datasheet for **SM2189P**

hCG (CGA) Mouse Monoclonal Antibody [Clone ID: INN-hCG-72]

Product data:

Product Type:	Primary Antibodies
Clone Name:	INN-hCG-72
Applications:	ELISA, R, WB
Recommended Dilution:	ELISA: as Coating antibody. Western Blot. Radioimmunoassays.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Human CG. Spleen cells from immunised mice were fused with cells of the X63-Ag8.653 mouse myeloma cell line.
Specificity:	This antibody recognises exclusively free hCG alpha. It reacts with the alpha 6 epitope on hCG alpha. No cross reaction is observed with holo-hCG in direct binding RIA or ELISA.
Formulation:	PBS containing 0.09% Sodium Azide State: Purified
Concentration:	lot specific
Purification:	Ion exchange chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	glycoprotein hormones, alpha polypeptide
Database Link:	Entrez Gene 1081 Human P01215



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- 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.
- Synonyms:** Follitropin alpha chain, Follicle-stimulating hormone alpha chain, FSH-alpha, Lutropin alpha chain, Luteinizing hormone alpha chain, LSH-alpha, LH alpha, Thyrotropin alpha chain, Thyroid-stimulating hormone alpha chain, TSH-alpha, Choriogonadotropin alpha chain, Chorionic gonadotrophin subunit alpha, hCG-alpha