

Product datasheet for **SM2112P**

hCG (CGA) Mouse Monoclonal Antibody [Clone ID: INN-hFSH 132]

Product data:

Product Type:	Primary Antibodies
Clone Name:	INN-hFSH 132
Applications:	ELISA, IHC, IP, R
Recommended Dilution:	Immunohistochemistry on paraffin sections. ELISA. Immunoprecipitation. Radioimmunoassay.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human Follicle Stimulating Hormone (FSH). Spleen cells from immunised mice were fused with cells of the X63-Ag8.653 myeloma cell line.
Specificity:	A high affinity antibody recognising the alpha 4 epitope of the alpha-subunit of Human Chorionic Gonadotrophin (hCG), hLH, hFSH, hTSH and free alpha-subunit. The recognised epitope comprises amino-acids alpha 15 to alpha 22 of the human sequence. Can be used in combination with INN-hCG-2, 22, 24, 32, 72 and INN-hFSH-6 and 60. This antibody will not cross-react with glycoprotein hormones of various animal species.
Formulation:	PBS containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
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



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Database Link: [Entrez Gene 1081 Human P01215](#)

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