

Product datasheet for **DM1006**

hCG (CGA) Mouse Monoclonal Antibody [Clone ID: CH5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CH5
Applications:	ELISA, IP, R
Recommended Dilution:	ELISA. Radioimmunoassay. Purification of HCG by Affinity Chromatography Qualitative and Quantitative Immunoprecipitation.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified Human Chorionic Gonadotropin
Specificity:	This antibody reacts to Chorionic Gonadotropin-alpha (hCG-a).
Formulation:	0.01M PBS, pH 7.2 without preservatives State: Purified State: Lyophilized purified IgG fraction
Reconstitution Method:	Restore with Double distilled water to adjust the final concentration to 1.0 mg/ml.
Concentration:	1.0 mg/ml (after reconstitution)
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. 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