Mouse hCG Monoclonal Antibody | anti-hCG antibody

MOUSE ANTI hCG (ALPHA 4 EPITOPE)

CATALOG #	HOST	APPLICATIONS
AAA49225	**Mouse**	**Western Blot, Immunohistochemistry, Immunoprecipitation, ELISA**

PRODUCT SYNONYMS

hCG; Monoclonal Antibody; MOUSE ANTI hCG (ALPHA 4 EPITOPE); anti-hCG antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	INN-hFSH-132
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.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1 mg/ml (varies by lot)
Sequence Length	116
Applicable Applications for anti-hCG antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation), ELISA
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	Human Follicle Stimulating Hormone (FSH) Fusion Partners
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-hCG antibody	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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502787
NCBI GeneID	1081

NCBI Accession #	NP_000726.1
NCBI GenBank Nucleotide #	NM_000735.3
UniProt Accession #	P01215
Molecular Weight	13,075 Da
NCBI Official Full Name	glycoprotein hormones alpha chain isoform 2
NCBI Official Synonym Full Names	glycoprotein hormones, alpha polypeptide
NCBI Official Symbol	CGA
NCBI Official Synonym Symbols	HCG; LHA; FSHA; GPHa; TSHA; GPHA1; CG-ALPHA
NCBI Protein Information	glycoprotein hormones alpha chain; FSH-alpha; LSH-alpha; TSH-alpha; anterior pituitary glycoprotein hormones common subunit alpha; choriogonadotropin alpha chain; chorionic gonadotrophin subunit alpha; chorionic gonadotropin, alpha polypeptide; follicle-stimulating hormone alpha chain; follicle-stimulating hormone alpha subunit; follitropin alpha chain; luteinizing hormone alpha chain; lutropin alpha chain; thyroid-stimulating hormone alpha chain; thyrotropin alpha chain
UniProt Protein Name	Glycoprotein hormones alpha chain
UniProt Gene Name	**CGA**
UniProt Synonym Gene Names	CG-alpha; FSH-alpha; LSH-alpha; TSH-alpha
UniProt Entry Name	GLHA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/hcg-antibody-clone-inn-hfsh-132-western-blot-immunohistochemistry-immunoprecipitation-elisa/49225