

[Go to Product page](#)

Datasheet for ABIN6936960 **anti-CGA antibody**

Overview

Quantity:	100 µg
Target:	CGA
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CGA antibody is un-conjugated
Application:	Immunostaining (ISt), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant hCG alpha protein
Clone:	HCGa-53
Isotype:	IgG1 kappa
Specificity:	This MAb reacts with a protein of ~13 kDa, identified as alpha sub-unit of HCG. HCG is a glycoprotein, which is secreted in large quantities by normal trophoblasts. It is present only in trace amounts in non-pregnant urine and sera but rises sharply during pregnancy. HCG is composed of two non-identical, non-covalently linked polypeptide chains designated as the subunit is identical to that of thyroid stimulating hormone (TSH) follicle stimulating hormone (FSH), and luteinizing hormone (LH).
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	CGA
Alternative Name:	CGA (CGA Products)
Background:	CG-alpha, CGA, Chorionic Gonadotrophin Alpha, Follicle Stimulating Hormone Alpha, Folitropin Alpha, FSH-alpha, FSHA, GPH Alpha, GPHA1, LHA, LH-alpha, Luteinizing Hormone Alpha, Lutropin Alpha, Thyroid Stimulating Hormone Alpha, Thyrotropin Alpha, TSHA,HCG-alpha Cellular localisation: Cytoplasmic, secreted
Molecular Weight:	~13kDa
Gene ID:	1081, 119689
UniProt:	P01215
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Thyroid Hormone Synthesis , Hormone Transport , Peptide Hormone Metabolism

Application Details

Application Notes:	Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(No special pre-treatment is required for staining of formalin-fixed tissues. Note that HIER is NOT recommended for this antibody.)Optimal dilution for a specific application should be determined. Positive_Control: JAR or TT cells. Placenta.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months