

Datasheet for ABIN6939098

anti-CGA antibody

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CGA
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CGA antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM), Immunostaining (ISt)

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).
Purification:	Purified by Protein A/G

Target Details

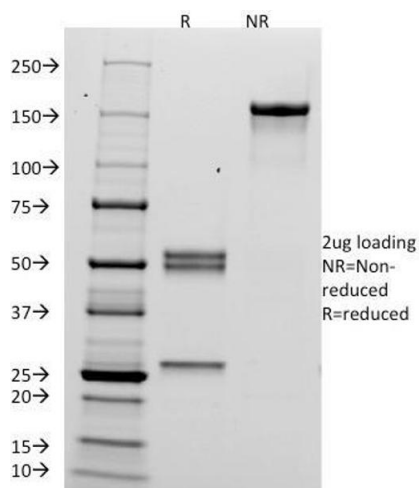
Target:	CGA
Alternative Name:	CGA (CGA Products)
Molecular Weight:	~13kDa
Gene ID:	1081
UniProt:	P01215
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Thyroid Hormone Synthesis , Hormone Transport , Peptide Hormone Metabolism

Application Details

Application Notes:	Positive Control: JAR or TT cells. Placenta. 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.
Restrictions:	For Research Use only

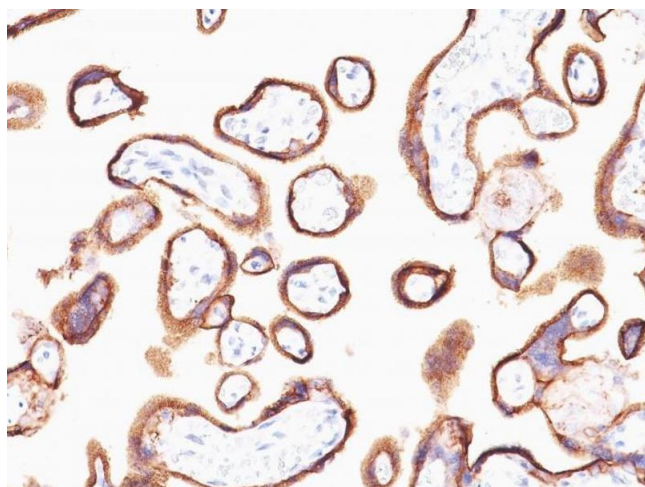
Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified hCG alpha Mouse Monoclonal Antibody (HCGa/53). Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Placenta stained with hCG alpha Mouse Monoclonal Antibody (HCGa/53).