

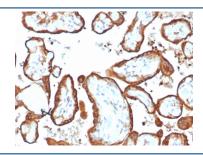
# HCG-alpha Antibody [clone HCGa/7806R] (V5175)

Catalog No.	Formulation	Size
V5175-100UG	0.2~mg/ml in 1X PBS with $0.1~mg/ml$ BSA (US sourced), $0.05%$ sodium azide	100 ug
V5175-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5175SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

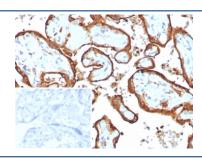
## Recombinant RABBIT MONOCLONAL

# **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	HCGa/7806R
Purity	Protein A/G affinity
UniProt	P01215
Localization	Cytoplasm, Secreted
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This HCG-alpha antibody is available for research use only.



IHC staining of FFPE human placental tissue with HCG-alpha antibody (clone HCGa/7806R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human placental tissue with HCG-alpha antibody (clone HCGa/7806R). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

#### **Description**

Human chorionic gonadotropin antibody (hCG) is a glycoprotein hormone synthesized in syncytiotrophoblastic cells of placenta and in certain trophoblastic tumors. The hormone-specific alpha chains have molecular weights of 13 kDa. HCG is found in moles and choriocarcinoma, chorionic components of germ cell tumors, and syncytiotrophoblast like cells in seminoma/dysgerminoma and embryonal carcinoma. In diagnostic pathology, hCG is a useful marker for classification of germ cell tumors, identification of extragonadal germ cell tumors.

### **Application Notes**

Optimal dilution of the HCG-alpha antibody should be determined by the researcher.

#### **Immunogen**

A recombinant partial protein sequence (within amino acids 1-116) from the human protein was used as the immunogen for the HCG-alpha antibody.

#### **Storage**

Aliquot the HCG-alpha antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.