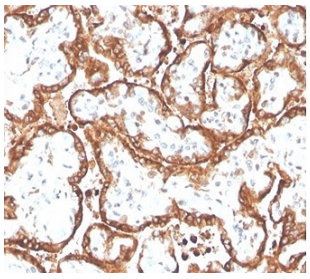
HCGb Antibody / HCG-beta [clone HCGb/4709R] (V4031)

Catalog No.	Formulation	Size
V4031-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4031-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4031SAF-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
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	HCGb/4709R
Purity	Protein A/G affinity
UniProt	P01233
Localization	Cytoplasm, secreted
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This HCGb antibody is available for research use only.



IHC staining of FFPE human placental tissue with HCGb antibody (HCGb/4709R). 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 HCGb antibody should be determined by the researcher.

Immunogen

A recombinant human partial protein was used as the immunogen for the HCGb antibody.

Storage

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

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