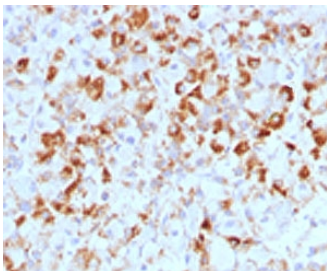


LHB Antibody / Luteinizing Hormone beta [clone CCGD1] (V7106)

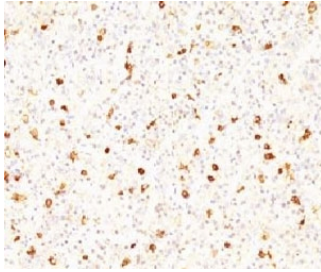
Catalog No.	Formulation	Size
V7106-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7106-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7106SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	CCGD1
Purity	Protein G affinity chromatography
UniProt	P01229
Localization	Cytoplasmic, secreted
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min RT (1)
Limitations	This LHB antibody is available for research use only.



IHC testing of FFPE human pituitary with LHB antibody (clone CCGD1).



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Description

Luteinizing Hormone beta/LHB is a member of the glycoprotein hormone beta chain family and encodes the beta subunit of luteinizing hormone (LH). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and a unique beta subunit which confers biological specificity. LH is expressed in the pituitary gland and promotes spermatogenesis and ovulation by stimulating the testes and ovaries to synthesize steroids. LH is a useful marker in classification of pituitary tumors and the study of pituitary disease. [RefSeq]

Application Notes

Optimal dilution of the LHB antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min

Immunogen

Recombinant beta sub-unit of human LH was used as the immunogen for the LHB antibody.

Storage

Store the LHB antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).