

Product Datasheet

Chorionic Gonadotropin beta Chain (hCG beta) Antibody (HCG-60)

NB500-359-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB500-359-0.1mg

Chorionic Gonadotropin beta Chain (hCG beta) Antibody (HCG-60)

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	HCG-60
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	40 kDa

Product Description	
Host	Mouse
Gene ID	1082
Gene Symbol	CGB3
Species	Human
Specificity/Sensitivity	This antibody (clone HCG-60) reacts with beta-subunit of human chorionic gonadotropin (hCG), a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. The HCG-60 antibody reacts with association constant 8.9×10^{10} l/mol. Following cross-reactivity (%) was determined by classic double-antibody RIA using unlabelled hormones: beta-hCG (73), alpha-hCG (1.6), hLH (1.2), hFSH (< 0.5), hTSH (< 0.5).
Immunogen	Human chorionic gonadotropin.

Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	ELISA 1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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