

Anti-hCG beta Antibody [HCG-61] (A85467)

Specifications:

Name:	Anti-hCG beta Antibody [HCG-61]
Description:	Mouse monoclonal [HCG-61] antibody to hCG beta.
Specificity:	The antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, 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-61 antibody reacts with association constant 5.1×10^{10} l/mol. Following cross-reactivity (%) was determined by classic double-antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).
Applications:	ICC, ELISA
Reactivity:	Human
Immunogen:	Human chorionic gonadotropin.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	HCG-61
Isotype:	IgG2b
Conjugate:	Unconjugated
Purification:	Protein A chromatography.
Concentration:	1 mg/ml
Purity:	> 95% (by SDS-PAGE).
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.4, with 15 mM Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.