

Product datasheet for **AM32286PU-N**

hCG beta (CGB3) Mouse Monoclonal Antibody [Clone ID: 5H4-E2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5H4-E2
Applications:	ELISA, IHC
Recommended Dilution:	ELISA. Immunohistochemistry on frozen and paraffin sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	A BALB/c mouse was immunized with Beta-hCG, conjugated to various carrier proteins. Splenocytes were fused with SP-2/0-Ag14 cells.
Specificity:	5H4-E2 is specific for the Beta chain of hCG. Since the Beta chain levels rise faster in urine, the antibody will detect hCG in urine as early as 1-3 days after successful (artificial) conception as opposed to alpha or dimer specific antibodies. In hCG producing tumors such as certain chorial, testicular, embryonic and lung carcinomas, the Beta chain is also produced in higher quantities than the alpha or dimeric chains.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	chorionic gonadotropin beta subunit 3
Database Link:	Entrez Gene 1082 Human P0DN86
Synonyms:	Choriogonadotropin subunit beta, CGB, CGB3, beta hCG, hCG-beta



[View online »](#)