Mouse anti-Human hCG beta Monoclonal Antibody | anti-hCGbeta antibody

Anti-hCG beta 5012 SPRN-5

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA226467	**Mouse**	**Human**	**FIA (FluorescentImmunoassay), CLIA (Chemiluminescence Immunoassay)**

PRODUCT SYNONYMS

hCG beta; Monoclonal Antibody; Anti-hCG beta 5012 SPRN-5; Human Chorionic Gonadotropin (HCG); anti-hCGbeta antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	Antibody recognizes human chorionic gonadotropin free beta subunit
Purity/Purification	>=95%
Form/Format	Liquid, may turn slightly opaque during storage 37mM citrate, 125mM phosphate, pH 6.0, 0.9% NaCl, 0.095% NaN3 as a preservative
Concentration	5.0mg/ml (+/- 10%) (varies by lot)
Applicable Applications for anti-hCGbeta antibody	FIA (FluorescentImmunoassay), CLIA (Chemiluminescence Immunoassay)
Epitope	Beta-7 as described in Berger et al. (2013). The antibody recognizes free hCGbeta subunit.
IEF Profile	6.3-7.3
Cross Reactivity	Does not recognize intact hCG, hCGalpha, LH, FSH, or TSH
Affinity Constant	KA= 1.2 x 109 1/M; KD= 8.1 x 10-10 M (= 0.81 nM)
Preparation and Storage	Store at 2-8 degree C Shelf Life: 36 months Shipping: Cold packs

IMAGES

Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-hCGbeta antibody	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Product Categories/Family for anti-hCGbeta antibody	Antibodies: Mabs

References	Berger, P., Paus, E., Hemken, P.M., Sturgeon, C., Stewart, W.W., Skinner, J.P., Harwick, L.C., Saldana, S.C., Ramsay, C.S., Rupprecht, K.R., Olsen, K.H., Bidart, J.M. and Stenman, U.H. (2013) Candidate epitopes for measurement of hCG and related molecules: the second ISOBM TD-7 workshop. Tumor Biol., 34: 4033-4057

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/hcg-beta-antibody-fluorescentimmunoassay-chemiluminescence-immunoassay-elisa/226467