

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

hCG

CATALOG # AAA59430	HOST Mouse	REACTIVITY Human
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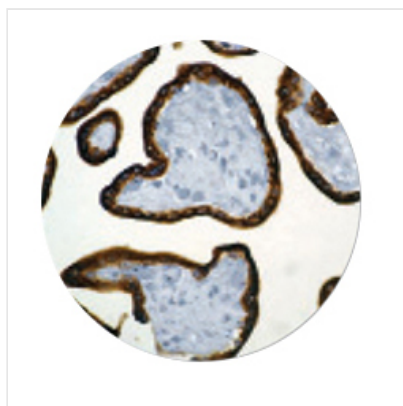
PRODUCT SYNONYMS

hCG; Monoclonal Antibody; anti-hCG antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a/K&IgG1/K
Clone Number	CG04+CG05
Form/Format	hCG is a purified immunoglobulin fraction of rabbit antiserum that is filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Control	Placenta
Localization	Cytoplasmic
Reactivity Note	Paraffin, Frozen
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohistochemistry)

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:100-1:500	0.1 ml
Concentrated	1:100-1:500	0.5 ml
Concentrated	1:100-1:500	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-hCG antibody	Human chorionic gonadotropin (hCG) is a peptide hormone produced in pregnancy, made by the embryo soon after conception and later by the syncytiotrophoblast. Its role is to prevent the disintegration of the corpus luteum of the ovary and thereby maintain progesterone production that is critical for a pregnancy in humans. hCG may have additional functions; for instance, it is thought to affect the immune tolerance of the pregnancy. Early pregnancy testing generally is based on the detection or measurement of hCG. hCG antibody detects cells and tumors of trophoblastic origin such as Choriocarcinomas. Large Cell Carcinoma and Adenocarcinoma of the Lung demonstrate hCG positivity in 90% and 60% of cases respectively. 20% of Squamous Cell Lung Carcinomas are positive for hCG. hCG expression by non-trophoblastic tumors may indicate aggressive behavior since it has been observed that hCG may play a role in the host response to a given tumor.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20138396
NCBI Official Full Name	Hemocyanin G chain

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/hcg-antibody-clone-cg04-cg05-elisa/59430>