

GH/ hPL (AB1462) mouse mAb

V0079

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- kDa (calculated)
- kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1462

Immunogen A synthetic peptide corresponding to the amino acid region 150 - 217 of the human GH/ hPL protein.

Specificity The antibody can recognize human Placental lactogen, and has cross-reactiin with GH protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name CSH1
CSH2
Protein Name GH/ hPL

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P01241; P0DML2; P0DML3;	

Background

Human placental prolactin (HPL) is a 22 kD polypeptide hormone synthesized and secreted by placental syncytiotrophoblast cells, has partial homology with growth hormone. It is expressed in normal placenta, choriocarcinoma, testicular cancer. Anti-HPL antibody is commonly used in the study of trophoblastic tumors. Growth hormone (GH) is a hormone synthesized and secreted by growth hormone cells in the anterior pituitary, which can promote protein synthesis and bone development. The mechanism of stimulating body growth is to stimulate the secretion of IGF-1 by liver and other tissues. It is mainly used for the functional classification of pituitary tumor and the differentiation of primary pituitary tumor and metastatic cancer.



2200 Ringwood Ave. San Jose, CA 95131
1 (877) 594-3616 (Toll Free), (408) 747-0185

www.assaybiotechnology.com
tech@assaybiotech.com | order@assaybiotech.com
