

hPL (AB1372) mouse mAb

V0588

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- kDa (calculated)
- 25 kDa (observed)

Isotype

- IgG2b, 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

AB1372

Immunogen

A synthetic peptide corresponding to the amino acid region 100 - 200 of the human hPL protein.

Specificity

The antibody can recognize human Placental lactogen with no 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

hPL

Database Link

Organism

Human

Swiss Prot.

P0DML2; P0DML3;

Gene ID

1442

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.