

PRL Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2491
Host	Mouse
Isotype	Mouse IgG2a
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human PRL (AA:29-227) expressed in E. Coli.
Mol wt	70kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	GHA1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes the anterior pituitary hormone prolactin. This secreted hormone is a growth regulator for many tissues, including cells of the immune system. It may also play a role in cell survival by suppressing apoptosis, and it is essential for lactation. Alternative splicing results in multiple transcript variants that encode the same protein.

Recommended Dilution

WB: 1:500 - 1:2000

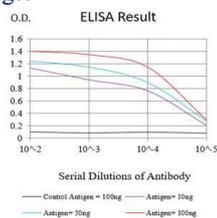
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

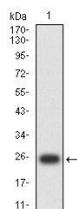
ELISA: 1:10000

Not yet tested in other applications.

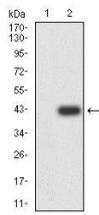
Images



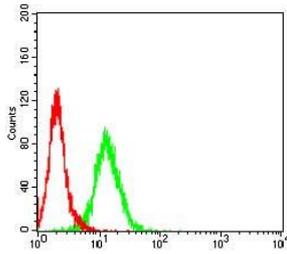
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



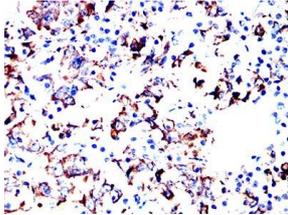
Western blot analysis using PRL mAb against human PRL (AA: 29-227) recombinant protein.
(Expected MW is 25.8 kDa)



Western blot analysis using PRL mAb against HEK293-6e (1) and PRL (AA: 29-227)-hlgGFc transfected HEK293-6e (2) cell lysate.



Flow cytometric analysis of HeLa cells using PRL mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded hypophysis tissues using PRL mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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