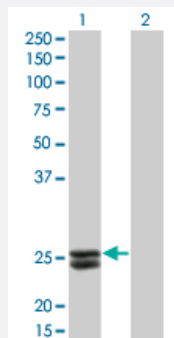


PRL monoclonal antibody (M02), clone 1E1

Catalog # H00005617-M02

Size 100 ug

Applications

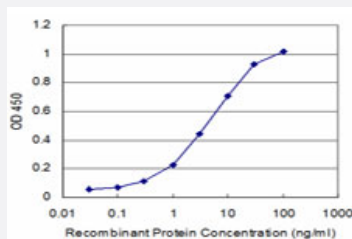


Western Blot (Transfected lysate)

Western Blot analysis of PRL expression in transfected 293T cell line by PRL monoclonal antibody (M02), clone 1E1.

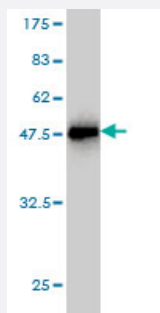
Lane 1: PRL transfected lysate (25.9 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PRL is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (47.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant PRL.

Immunogen	PRL (AAH15850, 29 a.a. ~ 227 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LPICPGGAARCQVTLRDLFDRAVVLSHYIHNLSSSEMFEFDKRYTHGRGFITKAINSCHTSSLATPE DKEQAQQMNQKDFLSLVSILRSWNEPLYHLVTEVRGMQEAPAILSKAVEIEEQTKRLLEGMELIV SQVHPETKENIYPVWSGLPSLQMADEESRLSAYYNLLHCLRRDSHKIDNYLKLLKCRIIHNNNC
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (47.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PRL expression in transfected 293T cell line by PRL monoclonal antibody (M02), clone 1E1.

Lane 1: PRL transfected lysate(25.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PRL is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PRL

Entrez GeneID

[5617](#)

GeneBank Accession#	BC015850
Protein Accession#	AAH15850
Gene Name	PRL
Gene Alias	-
Gene Description	prolactin
Omim ID	176760
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000017727

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Abortion](#)
- [Arthritis](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Autoimmune Diseases](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Disease Progression](#)
- [Fibroadenoma](#)
- [Genetic Predisposition to Disease](#)

- [Hepatitis C](#)
- [Hyperparathyroidism](#)
- [Infertility](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Viremia](#)