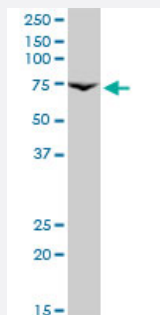


PRLR monoclonal antibody (M02), clone 1E4

Catalog # H00005618-M02

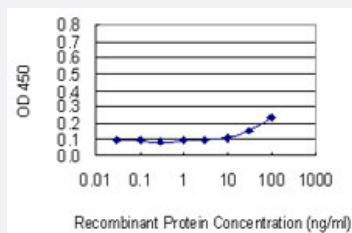
Size 100 ug

Applications



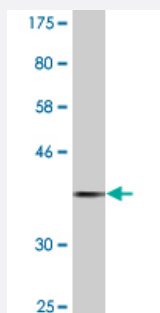
Western Blot (Cell lysate)

PRLR monoclonal antibody (M02), clone 1E4. Western Blot analysis of PRLR expression in A-431(Cat # L015V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PRLR is 10 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant PRLR.

Immunogen	PRLR (NP_000940.1, 371 a.a. ~ 479 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PSTFYDPEVIEKPENPETTHTWDPQCISMEGKIPYFHAGGSKCSTWPLPQPSQHNPRSSYHNITD VCELAVGPAGAPATLLNEAGKDALKSSQTIKSREEGKATQQREV
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 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 (Cell lysate)

PRLR monoclonal antibody (M02), clone 1E4. Western Blot analysis of PRLR expression in A-431(Cat # L015V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PRLR is 10 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PRLR

Entrez GeneID	5618
GeneBank Accession#	NM_000949
Protein Accession#	NP_000940.1

Gene Name	PRLR
Gene Alias	hPRLrI
Gene Description	prolactin receptor
Omim ID	176761
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000115998 delta 4-SF1b truncated prolactin receptor delta 4-delta 7/11 truncated prolactin receptor hPRL receptor prolactin receptor delta 7/11 secreted prolactin binding protein

Pathway

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

Disease

- [Abortion](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Autoimmune Diseases](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Fibroadenoma](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Mental Disorders](#)

- [Multiple Sclerosis](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Primary Ovarian Insufficiency](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)