

PRL Antibody / Prolactin [clone rPRL/4907] (V9356)

Catalog No.	Formulation	Size
V9356-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9356-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9356SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant **MOUSE MONOCLONAL**

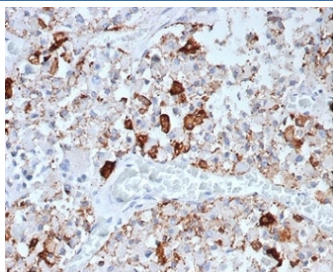
[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rPRL/4907
Purity	Protein A/G affinity
UniProt	P01236
Localization	Secreted
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This PRL antibody is available for research use only.

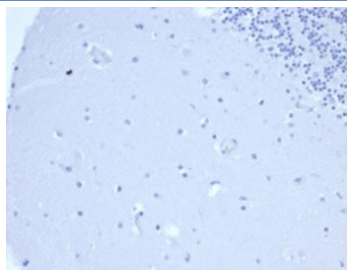
Human Protein Microarray Specificity Validation



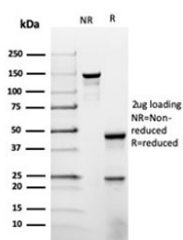
Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using PRL antibody (clone rPRL/4907). These results demonstrate the foremost specificity of the rPRL/4907 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



IHC staining of FFPE human pituitary tissue with Prolactin antibody (clone rPRL/4907).
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Negative control: IHC staining of FFPE human brain tissue using PRL antibody (clone rPRL/4907) at 2ug/ml in PBS for 30min RT. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free PRL antibody (rPRL/4907) as confirmation of integrity and purity.

Description

Prolactin acts primarily on the mammary gland by promoting lactation. [UniProt]

Application Notes

Optimal dilution of the PRL antibody should be determined by the researcher.

Immunogen

A portion of amino acids 63-201 was used as the immunogen for the PRL antibody.

Storage

Aliquot the PRL antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.