

# **Product datasheet**

info@arigobio.com

# ARG23744 anti-Prolactin antibody [INN-hPRL-1]

Package: 250 μg Store at: -20°C

## Summary

Product Description Mouse Monoclonal antibody [INN-hPRL-1] recognizes Prolactin

Tested Reactivity Hu

Tested Application ELISA, IHC-Fr, IHC-P, RIA

Host Mouse

Clone INN-hPRL-1

Isotype IgG1

Target Name Prolactin
Species Human

ImmunogenHuman Prolaction.ConjugationUn-conjugatedAlternate NamesProlactin; PRL

## **Application Instructions**

Application table	Application	Dilution
	ELISA	1:20 - 1:200
	IHC-Fr	1:500 - 1:1000
	IHC-P	1:500 - 1:1000
	RIA	Assay-dependent
Application Note	IHC-P: Antigen Retrieval: Heat mediated was performed using EDTA buffer (pH 8.0).  * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human Pituitary.	

#### **Properties**

Form	Liquid	
Purification	Purified.	
Buffer	PBS and 0.09% Sodium azide.	
Preservative	0.09% Sodium azide	
Concentration	1 mg/ml	
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated	

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Gene Symbol PRL

Gene Full Name prolactin

Background This gene encodes the anterior pituitary hormone prolactin. This secreted hormone is a growth

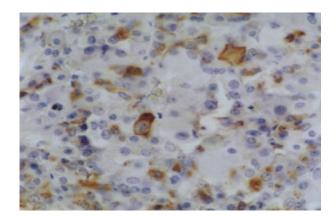
 $regulator\ for\ many\ tissues,\ including\ cells\ of\ the\ immune\ system.\ It\ may\ also\ play\ a\ role\ in\ cell\ survival$ 

by suppressing apoptosis, and it is essential for lactation. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2011]

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

Calculated Mw 26 kDa

#### **Images**



#### ARG23744 anti-Prolactin antibody [INN-hPRL-1] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human pituitary stained with ARG23744 anti-Prolactin antibody [INN-hPRL-1]. Antigen Retrieval: Heat mediated was performed using EDTA buffer (pH 8.0).