

ARG10176 anti-Prolactin antibody [PRL-2] (HRP)

Package: 100 µl

Store at: -20°C

Summary

Product Description	HRP-conjugated Mouse Monoclonal antibody [PRL-2] recognizes Human Prolactin
Tested Reactivity	Hu
Tested Application	ELISA
Host	Mouse
Clonality	Monoclonal
Clone	PRL-2
Isotype	IgG1, kappa
Target Name	Prolactin
Antigen Species	Human
Immunogen	Human prolactin
Conjugation	HRP
Alternate Names	Prolactin; PRL

Application Instructions

Application Note	<p>ELISA: In combination with anti-PRL capture antibody (Cat No: ARG10175), this HRP conjugated antibody can be used as tracer in sandwich ELISA for human PRL detection.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>
Calculated Mw	26 kDa

Properties

Form	Liquid
Purification	Protein G affinity purified
Buffer	0.01M PBS (pH 7.2) and 50% Glycerol
Stabilizer	50% Glycerol
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. Storage in frost free freezers is not recommended. Keep the antibody in the dark and keep protected from prolonged exposure to light. 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

Database links	GeneID: 5617 Human Swiss-port # P01236 Human
Gene Symbol	PRL
Gene Full Name	prolactin
Background	<p>Prolactin (PRL) is primarily secreted by pituitary gland. The hormone stimulates mammary gland development during pregnancy and lactation after childbirth. PRL has several variations with molecular weights ranged from 22kDa to 150kDa. PRL receptors are mainly located at mammary glands, but also found in other organs and tissues. PRL can bind to cytokine-like receptors and influence haematopoiesis, angiogenesis, and immuno-system. Anterior pituitary tumours can cause persistent elevation of PRL with clinical signs such as abnormal lactation, infertility and lack of menstrual flow in women, and incompetence in men.</p>
Function	Prolactin acts primarily on the mammary gland by promoting lactation. [UniProt]
Highlight	<p>Related Antibody Duos and Panels: ARG30057 Prolactin ELISA Antibody Duo</p> <p>Related products: Prolactin antibodies; Prolactin ELISA Kits; Prolactin Duos / Panels; Anti-Mouse IgG secondary antibodies;</p>
Research Area	Signaling Transduction antibody