

AM05048PU-N**Monoclonal Antibody to Prolactin / PRL - Purified**

Quantity:	1 mg
Concentration:	4.38 mg/ml (OD280nm, E1% = 14)
Background:	Various hormones are secreted from the anterior pituitary during development and growth. Prolactin is a growth factor secreted by the anterior pituitary that is necessary for the proliferation and differentiation of the mammary glands.
Uniprot ID:	P01236
NCBI:	NP_000939.1
GeneID:	5617
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	090-1811
Immunogen:	High purity Prolactin from human pituitary gland.
Format:	State: Liquid purified Ig Purification: >90% pure (SDS-PAGE). Protein A chromatography Buffer System: 10mM Phosphate, pH 7.4 containing 150mM Sodium chloride and 0,09% sodium azide
Applications:	ELISA. Recommended antibody pairs: Capture Detection AM05048PU-N AM31632PU-N AM05048PU-N AM05047PU-N Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This Antibody is specific for Prolactin. Cross Reactivity with HGH is less than 0.1%. Species: Human. Other species not tested. Affinity Constant: 1.3 x 10e10
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -40°C for longer. Avoid repeated freezing and thawing. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Shelf life: one year from despatch.