

## Product datasheet for **AM50157PU-S**

### Prolactin Receptor (PRLR) Mouse Monoclonal Antibody [Clone ID: SPM213]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	SPM213
Applications:	FC, IF, IHC, IP, WB
Recommended Dilution:	<b>ELISA:</b> Use BSA free Antibody for coating. <b>Flow Cytometry:</b> 0.5-1 µg/million cells. <b>Immunofluorescence:</b> 0.5-1 µg/ml. <b>Western Blotting:</b> 0.25-0.5 µg/ml. <b>Immunoprecipitation:</b> 0.5-1 µg/500 µg protein lysate. <b>Immunohistochemistry on Frozen and Formalin-Fixed Sections:</b> 0.5-1.0 µg/ml for 30 minutes at RT. Staining of formalin/paraffin tissues requires digestion of tissue sections with pepsin at 1mg/ml Tris-HCl, pH 2.0 for 15 min at RT or 10 min at 37°C. <b>Positive Control:</b> Breast, placenta, liver or pancreas.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Semi-purified human prolactin receptor.
Specificity:	It recognizes a protein of 70kDa, identified as Prolactin Receptor. <b>Cellular Localization:</b> Cell surface and cytoplasmic.
Formulation:	10mM PBS State: Purified State: Liquid purified IgG fraction from Bioreactor Concentrate Stabilizer: 0.05% BSA Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Protein A/G Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.



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<b>Stability:</b>	Shelf life: one year from despatch.
<b>Predicted Protein Size:</b>	70 kDa
<b>Gene Name:</b>	prolactin receptor
<b>Database Link:</b>	<a href="#">Entrez Gene 5618 Human P16471</a>
<b>Background:</b>	Prolactin is a pituitary hormone involved in the stimulation of milk production, salt and water regulation, growth, development and reproduction. The initial step in its action is the binding to a specific membrane receptor (prolactin receptor), which belongs to the superfamily of class 1 cytokine receptors. The function of the prolactin receptor is mediated, at least in part, by two families of signaling molecules: Janus kinases and signal transducers and activators of transcription.
<b>Synonyms:</b>	PRLR, PRL-R