

### 36-1585: Monoclonal Antibody to Prolactin Receptor (hPRL-Receptor)(Clone : PRLR742)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PRLR742
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	PRLR
<b>Gene ID :</b>	5618
<b>Uniprot ID :</b>	P16471
<b>Format :</b>	Purified
<b>Alternative Name :</b>	PRLR
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Recombinant human prolactin receptor

#### Description

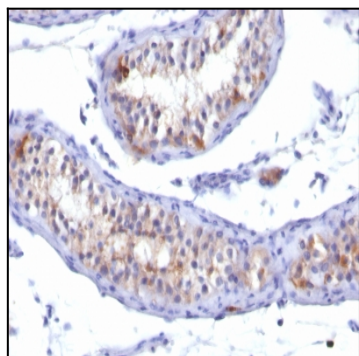
It recognizes a protein of 70kDa, identified as prolactin receptor. Prolactin is a pituitary hormone involved in the stimulation of milk production, salt and water regulation, growth, development and reproduction. The initial step in its action is the binding to a specific membrane receptor (prolactin 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.

#### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

#### Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Testicular Carcinoma stained with Prolactin Receptor Monoclonal Antibody (PRLR742).