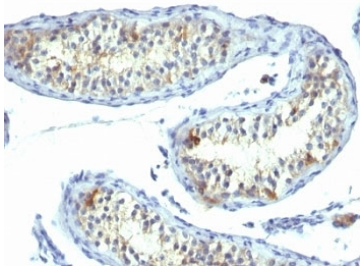
Prolactin Receptor Antibody [clone B6.2] (V3171)

Catalog No.	Formulation	Size
V3171-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3171-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3171SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3171IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	B6.2
Purity	Protein G affinity chromatography
UniProt	P16471
Localization	Cell surface and cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This Prolactin Receptor antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human testicular carcinoma stained with Prolactin Receptor antibody (clone B6.2).

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.

Application Notes

The optimal dilution of the Prolactin Receptor antibody for each application should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Semi-purified human prolactin receptor was used as the immunogen for this Prolactin Receptor antibody.

Storage

Store the Prolactin Receptor antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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