

Mouse anti-Human Prolactin Receptor Monoclonal Antibody | anti-PRLR antibody

Prolactin Receptor (hPRL-Receptor) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62516	Mouse	Human	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

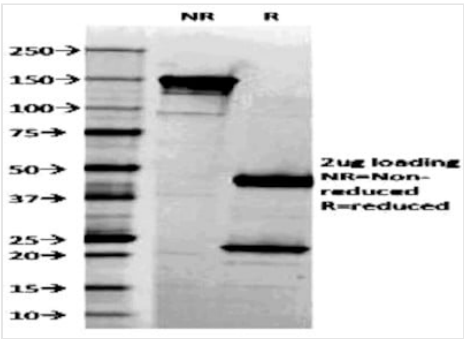
PRODUCT SYNONYMS

Prolactin Receptor; Monoclonal Antibody; Prolactin Receptor (hPRL-Receptor) Mouse Monoclonal Antibody; CPRLP; hPRL receptor; hPRLr; Lactogen receptor; OPR; Pr-1; Pr-3; PRL-R; Prolactin receptor delta 7/11; RATPRLR; Secreted prolactin binding protein; Truncated testis-specific box 1-C prolactin receptor; anti-PRLR antibody

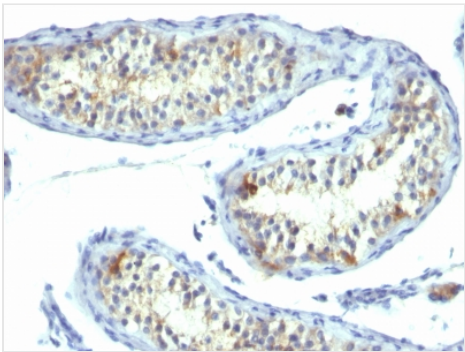
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	B6.2
Specificity	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.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml.
Sequence Length	622
Applicable Applications for anti-PRLR antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Cell Surface and Cytoplasmic
Immunogen	Semi-purified human prolactin receptor
Hu-Chromosome Location	5p13.2
Positive Control	Testicular Carcinoma
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody is stable for 24 months.,Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE
SDS-PAGE Analysis Purified Prolactin Receptor Mouse Monoclonal Antibody (B6.2).
Confirmation of Integrity and Purity of Antibody.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Testicular Carcinoma stained with Prolactin Receptor Monoclonal Antibody (B6.2).

ADDITIONAL INFORMATION

References	Breast Cancer Res. 2008;10(4):R68. Histopathology. 2008;53(1):56-61
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506107
NCBI GeneID	5618
NCBI Accession #	NP_000940.1
NCBI GenBank Nucleotide #	NM_000949.6
UniProt Accession #	P16471; Q16354; Q8TD75; Q8TD78; Q96P35; Q96P36; Q9BX87; Q9UJH5; B2R882; D1MDP1
Molecular Weight	70kDa
NCBI Official Full Name	prolactin receptor isoform 1
NCBI Official Synonym Full Names	prolactin receptor
NCBI Official Symbol	PRLR
NCBI Official Synonym Symbols	HPRL; MFAB; hPRLrl
NCBI Protein Information	prolactin receptor
UniProt Protein Name	Prolactin receptor
UniProt Gene Name	PRLR
UniProt Synonym Gene Names	PRL-R
UniProt Entry Name	PRLR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.