

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

Prolactin Receptor (hPRL Receptor)

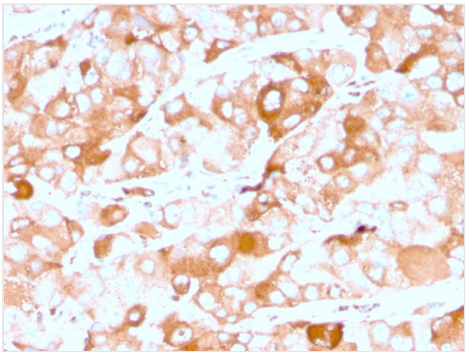
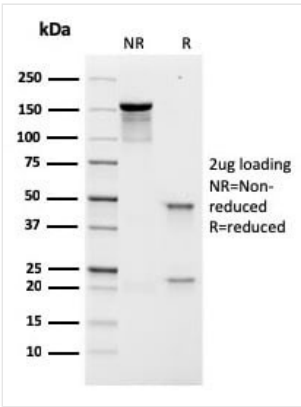
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215165	Mouse	Human	Immunohistochemistry

PRODUCT SYNONYMS

Prolactin Receptor; Prolactin Receptor (hPRL Receptor); CPRLP; hPRL receptor; hPRLrl; 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

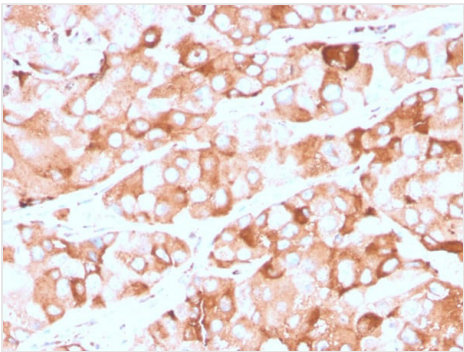
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1, kappa
Clone Number	rPRLR/742
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.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
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)
Positive Control	Testicular Carcinoma.
Immunogen	Recombinant full-length human PRLR protein
Cellular Localization	Cell Surface and Cytoplasmic
Hu-chromosome Location	5p13.2
Antibody Type	Recombinant Mouse Monoclonal Antibody
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody is stable for 24 months.,Non-hazardous. No MSDS required.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human breast carcinoma stained with Prolactin Receptor Recombinant Mouse Monoclonal Antibody (rPRLR742).

SDS-PAGE
SDS-PAGE Analysis Purified Prolactin Receptor Recombinant Mouse Monoclonal (rPRLR742). Confirmation of Integrity and Purity of Antibody.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human breast carcinoma stained with Prolactin Receptor Recombinant Mouse Monoclonal Antibody (rPRLR742).

ADDITIONAL INFORMATION

References	1. Histopathology. 2008;53(1):56-61. 2. Breast Cancer Res. 2008;10(4):R68.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506107
NCBI GeneID	5618
NCBI Accession #	NP_000940.1
NCBI GenBank Nucleotide #	NP_000940.1
UniProt Accession #	P16471
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; hPRLrI; RI-PRLR
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.

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Online datasheet: <https://www.aaabiotech.com/mouse-prlr-human-antibody/prolactin-receptor/215165>