

Anti-PRLR Antibody (5U248)

Product Details

Ig Type:	Human IgG2
Reactivity:	Human, Mouse
Conjugation:	Unconjugated
Clone:	5U248
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. The Binding Activity of Human PRLR with Anti-PRLR recombinant antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human PRLR at 2 µg/mL can bind Anti-PRLR recombinant antibody, the EC50 is 126.8-171.9 ng/mL.</p> <p>2. The Binding Activity of Mouse Prlr with Anti-PRLR recombinant antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Mouse Prlr at 5 µg/mL can bind Anti-PRLR recombinant antibody, the EC50 is 4.021-8.706 ng/mL.</p>
Application:	ELISA

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human PRLR Protein
Antigen Species:	Human
Gene ID:	5618
Uniprot ID:	P16471
Synonyms:	PRLR;MFAB;prolactin receptor;HPRL;hPRLr
Biology Area:	Immunology

Research Background

This is a receptor for the anterior pituitary hormone prolactin (PRL). Acts as a prosurvival factor for spermatozoa by inhibiting sperm capacitation through suppression of SRC kinase activation and stimulation of AKT. Isoform 4 is unable to transduce prolactin signaling. Isoform 6 is unable to transduce prolactin signaling.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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