

Anti-Phospho-PR/PGR (S294) Antibody

Catalog Number: P00541-2

About PGR

The progesterone receptor (PR) is an intracellular steroid receptor that specially binds progesterone in humans. PR has been a member of the steroid receptor superfamily. It is encoded by a single PGR gene residing on chromosome 11q22. The PGR gene uses separate promoters and translational start sites to produce 2 isoforms, PRA and PRB, which are identical except for an additional 165 amino acids present only in the N terminus of PRB. It can be observed in human breast tissues. The proteins function as dimeric molecules in nuclei to regulate the transcription of target genes in a ligand-responsive manner.

Overview

Product Name	Anti-Phospho-PR/PGR (S294) Antibody
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-Phospho-PR/PGR (S294) Antibody catalog # P00541-2. Tested in WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat, Monkey.
Application	IF, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P06401

Technical Details

Immunogen	A synthesized peptide derived from human Progesterone Receptor around the phosphorylation site of Ser294.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunocytochemistry/Immunofluorescence, 1:50-400

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