Recombinant Progesterone Receptor (Marker of Progestin Dependence) Antibody

Rabbit Monoclonal Antibody [Clone ZR4]

Catalog No	Format	Size
5241-RBM22-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
5241-RBM22-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
5241-RBM22-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	ZR4
Immunogen	Recombinant fragment (around aa427-456) of the human Progesterone Receptor protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	98.98kDa
Cellular Localization	Cytoplasm, Mitochondrion outer membrane, Nucleus
Species Reactivity	Human
Positive Control	In reproductive tissues the expression of isoform A and isoform B varies as a consequence of developmental and hormonal status

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Progesterone Receptor (Marker of Progestin Dependence) Antibody

Specificity & Comments

The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Depending on the isoform, progesterone receptor functions as a transcriptional activator or repressor., Ligand-dependent transdominant repressor of steroid hormone receptor transcriptional activity including repression of its isoform B, MR and ER. Transrepressional activity may involve recruitment of corepressor NCOR2., Transcriptional activator of several progesteron-dependent promoters in a variety of cell types. Involved in activation of SRC-dependent MAPK signaling on hormone stimulation., Increases mitochondrial membrane potential and cellular respiration upon stimulation by progesterone.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.