

PGR Monoclonal Antibody

Catalog No. E-AB-22105

Note: Centrifuge before opening to ensure complete recovery of vial contents.

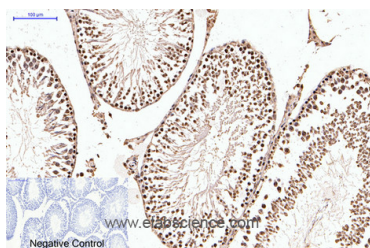
Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Clone	Clone:1A5
Purification	Protein A purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

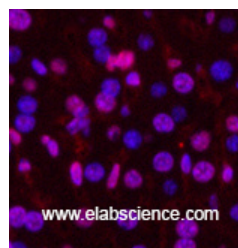
Applications Recommended Dilution

IHC	1:100-1:300
IF	1:100-200

Data



Immunohistochemistry of paraffin-embedded Rat testis tissue using PGR Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Mouse liver tissue using PGR Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Progesterone receptor isoform B (PRB) is involved activation of c-SRC/MAPK signaling on hormone stimulation. Isoform A: inactive in stimulating c-Src/MAPK signaling on hormone stimulation. Isoform 4: Increases mitochondrial membrane potential and cellular respiration upon stimulation by progesterone.

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