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## PGF2 alpha Rabbit pAb

Catalog Number: bs-2341R

Target Protein: PGF2 alpha

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Reactivity: (predicted:PGF2 Alpha)

Predicted MW: 0.475 kDa

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Luteolytic prostaglandin that induces parturition. Potent vasoconstrictor of pulmonary, coronary, and cerebral arteriole beds. A positive feedback loop between endometrial PG F2 $\alpha$  and luteal oxytocin is responsible for completion of luteolysis. Luteolytic prostaglandin that induces parturition. Potent vasoconstrictor of pulmonary, coronary, and cerebral arteriole beds. Also stimulates contraction of smooth muscle, such as in bronchi, with possible involvement in asthma. This effect is at least partially mediated through tachykinin release.

### PRODUCT SPECIFIC PUBLICATIONS

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**[IF=3.106]** Manku G et al. Cyclooxygenase 2 (COX2) Expression and prostaglandin synthesis in Neonatal Rat Testicular Germ Cells: Effects of Acetaminophen and Ibuprofen. *Andrology*. 2019 Nov 9. IHC,ICC,ICC ; Rat . 31705786

**[IF=3.143]** Amy Tran-Guzman. et al. In vitro impact of genistein and mono(2-ethylhexyl) phthalate (MEHP) on the eicosanoid pathway in spermatogonial stem cells. *Reprod Toxicol*. 2022 Jan;107:150 IF ; Mouse . 34942354