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Datasheet for ABIN2178422

anti-Prostaglandin F2alpha antibody (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	Prostaglandin F2alpha
Reactivity:	Others
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prostaglandin F2alpha antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated to PGF2 Alpha
Isotype:	IgG
Cross-Reactivity:	Rat
Cross-Reactivity (Details):	PGF2 Alpha
Purification:	Purified by Protein A.

Target Details

Target:	Prostaglandin F2alpha
Alternative Name:	Pgf2 alpha (Prostaglandin F2alpha Products)
Background:	Synonyms: Prostaglandin F2 Alpha, PGF2 Alpha, 5Z,9,11,13E,15S-9,11,15-Trihydroxyprosta-5,13-dienoic acid tris salt, PGF2-,Tris.

Target Details

Background: Luteolytic prostaglandin that induces parturition. Potent vasoconstrictor of pulmonary, coronary, and cerebral arteriole beds. A positive feedback loop between endometrial PG F2 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.

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months