

Anti-8-epi-PGF<sub>2α</sub>  
Product Number: IS20  
Aliquot: 0.1 mg  
Lot Number: is20.090709  
Storage: -70°C

**DESCRIPTION:** This polyclonal antibody is produced in goat and is provided purified IgG specific for 8-epi-PGF<sub>2α</sub> (8-Isoprostane, 15-f<sub>2t</sub>-Isoprostane).

**MOLECULAR WEIGHT:** 354.5 Da calculated

**CONCENTRATION:** 1.0 mg/mL

**STORAGE BUFFER:** TBS

**STORAGE:** -70°C. AVOID REPEATED FREEZE THAWS

**IMMUNOGEN:** Synthesized 8-epi-PGF<sub>2α</sub>

**PURIFICATION:** Ammonium Sulfate Fractionation

**CLASS:** IgG

**APPLICATIONS:** This antibody has been tested and exhibits utility in ELISA, WB, and IHC applications.

**SPECIES SPECIFICITY:** Not species specific.

<b>ANALYTE SPECIFICITY:</b>	<b><u>Analyte</u></b>	<b><u>Reactivity</u></b>
	8-epi-PGF <sub>2α</sub>	100%
	9α, 11β-PGF <sub>2α</sub>	4.1%
	13, 14-dihydro-15-keto-PGF <sub>2α</sub>	3.0%
	9β, 11α-PGF <sub>2αa</sub>	<0.01%
	PGF <sub>1α1a</sub>	<0.01%
	6-keto-PGF <sub>1α1a</sub>	<0.01%
	PGE <sub>2</sub>	<0.01%
	PGD <sub>2</sub>	<0.01%
	Arachidonic Acid	<0.01%