

Product datasheet for **AP05472PU-N**

17-beta-Estradiol Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA: 1/5000-1/40,000.
Reactivity:	Broad
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Estradiol conjugated to Bovine Serum Albumin.
Specificity:	<p>This antibody recognizes 17 beta Estradiol, a mammalian estrogenic hormone, produced in the ovaries, placenta and testis that has a role in normal sexual development and the regulation of the menstrual cycle.</p> <p>The following cross reactivities have been observed:</p> <p>17beta Oestradiol: 100%</p> <p>Oestrone: 14%</p> <p>Oestriol: 5%</p> <p>Aldosterone, Cortisol, Corticosterone, DHEA, Deoxycorticosterone, Pregnenolone, Progesterone, 17OHP and Testosterone all < 0.01%</p>
Formulation:	<p>PBS, pH 7.2 containing 0.09% Sodium Azide as preservative</p> <p>State: Purified</p> <p>State: Liquid purified IgG fraction</p>
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	<p>Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.</p> <p>Avoid repeated freezing and thawing.</p>
Stability:	Shelf life: one year from despatch.
Background:	17 beta Estradiol is a potent mammalian estrogenic hormone that is produced in the ovary, placenta, testis, and possibly the adrenal cortex.



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