

Product datasheet for **AM01204PU-N**

Progesterone Mouse Monoclonal Antibody [Clone ID: 1188/344]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1188/344
Applications:	ELISA
Recommended Dilution:	ELISA: 1/5,000 - 1/15,000; cross reactivities: Progesterone-3-BSA 100%, Progesterone-11-BSA 50%, 11-beta-OH-Progesterone 6%, 17-alpha-OH-Progesterone 3%, 17-alpha-OH-Pregnenolone 2%.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Progesterone conjugated to bovine serum albumin.
Specificity:	This antibody is specific for progesterone.
Formulation:	PBS containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Progesteron is a steroid hormone synthesized from the cholesterol derivative, pregnenolone, in the cortex of the adrenal gland. Progesterone is secreted by the corpus luteum and acts to prepare the endometrium for the implantation of a fertilized egg. During pregnancy, it is secreted by the placenta in order to prevent spontaneous abortion and to stimulate the development of mammary tissue to produce milk. Progesterone is available as a pharmaceutical that can be used to treat menstrual disorders and for the prevention of miscarriage.



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Synonyms: 20-dione, pregn-4-ene-3