

## Product datasheet for **BM029**

### Progesterone Mouse Monoclonal Antibody [Clone ID: 6-5E-3F]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	6-5E-3F
Applications:	ELISA
Recommended Dilution:	RIA. ELISA. Sensitivity: 0.15 ng/ml.
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Progesterone hemisuccinate conjugated to bovine serum albumin
Specificity:	This antibody is specific for Progesterone. It exhibits minimal cross reactivity with related compounds in ELISA. Species reactivity is broad.
Formulation:	PBS containing 0.09% sodium azide State: Purified State: Liquid IgG fraction
Concentration:	lot specific
Purification:	Protein A affinity chromatography on protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one year or at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Progesterone 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