

# Product Datasheet

## Progesterone Antibody (6-5E-3F) [Alexa Fluor® 350] NBP2-78056AF350

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-78056AF350**

Progesterone Antibody (6-5E-3F) [Alexa Fluor® 350]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	6-5E-3F
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 350
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Species	Non-species specific
Specificity/Sensitivity	This monoclonal antibody is specific for progesterone. It exhibits minimal cross reactivity with related compounds in ELISA. It reacts with Progesterone-11a-HMS-BSA: 100%; 5-beta-Pregnane-3,20-dione: 48%; 5-alpha-Pregnane-3,20-dione: 26.4%; 17-alpha-Hydroxyprogesterone: 2.5%; 20-alpha-Hydroxyprogesterone: 0.04%. 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 to prevent spontaneous abortion and to stimulate the development of mammary tissue to produce milk. Thus, progesterone plays a central role in the reproductive events associated with the establishment and maintenance of pregnancy. Luteinized theca cells of normal ovary secrete progesterone. The determination of progesterone concentrations in the body fluids is of great value for endocrinological investigations in women. This monoclonal antibody may prove useful in identification of ovarian tumors.
Immunogen	Progesterone hemisuccinate conjugated to bovine serum albumin

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<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Radioimmunoassay
<b>Recommended Dilutions</b>	ELISA, Radioimmunoassay
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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## **Products Related to NBP2-78056AF350**

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NBP2-60122-1Kit	Bovine Progesterone ELISA Kit (Colorimetric)
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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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