

Product Datasheet

Progesterone Antibody (6-5E-10B) NBP2-45210-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-45210-0.1mg

Progesterone Antibody (6-5E-10B)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	6-5E-10B
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	314.46 kDa

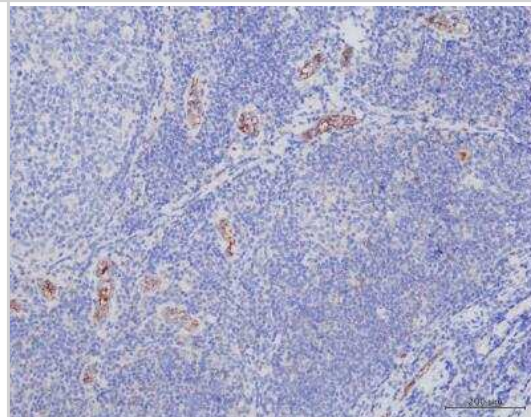
Product Description	
Description	<p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-53103)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.</p>
Host	Mouse
Species	Non-species specific
Specificity/Sensitivity	<p>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% and 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.</p>
Immunogen	Progesterone- 11a-hemisuccinate conjugated to bovine serum albumin (Pr11a-HMS-BSA)

Product Application Details	
Applications	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Radioimmunoassay
Recommended Dilutions	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Radioimmunoassay
Application Notes	<p>ELISA: For coating, order Ab without BSA.</p> <p>Immunohistochemistry (Not assessed). This Progesterone Antibody (6-5E-10B) is validated for IHC-P from a verified customer review.</p>

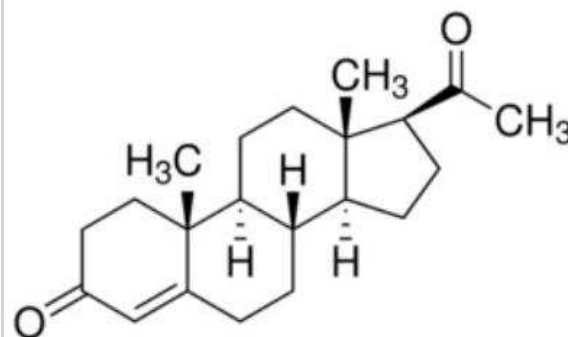


Images

Immunohistochemistry-Paraffin: Progesterone Antibody (6-5E-10B) [NBP2-45210] - Mouse cervix tissue stained with Progesterone Antibody. IHC-P image submitted by a verified customer review.



N/A: Progesterone Antibody (6-5E-10B) [NBP2-45210] - Molecular Structure of Progesterone



Publications

Sewnarain S, Singh S, Naicker T Placental progesterone and its receptor in HIV-infected pre-eclamptic women Histochemistry and cell biology 2023-11-17 [PMID: 37975897] (IHC-P)



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Products Related to NBP2-45210-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-60122-1Kit	Bovine Progesterone ELISA Kit (Colorimetric)

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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