

# Product Datasheet

## Cytochrome P450 17A1 Antibody (OTI3F11) NBP2-01151

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-01151**

Cytochrome P450 17A1 Antibody (OTI3F11)

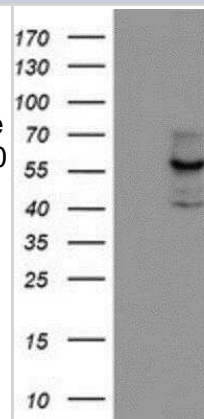
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3F11
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	57.2 kDa

Product Description	
Host	Mouse
Gene ID	1586
Gene Symbol	CYP17A1
Species	Human
Immunogen	Full length human recombinant protein of human CYP17A1(NP_000093) produced in HEK293T cell.

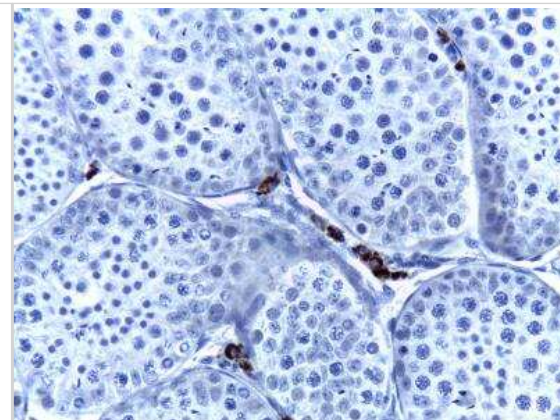
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150

**Images**

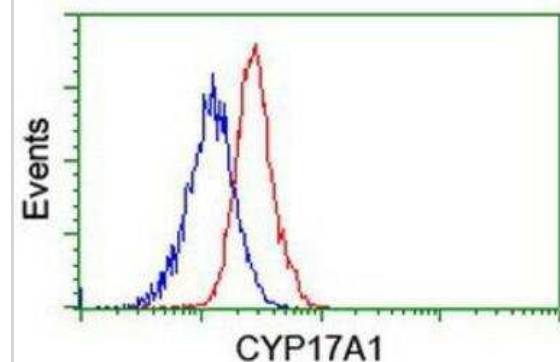
Western Blot: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Cytochrome P450 17A1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Cytochrome P450 17A1.



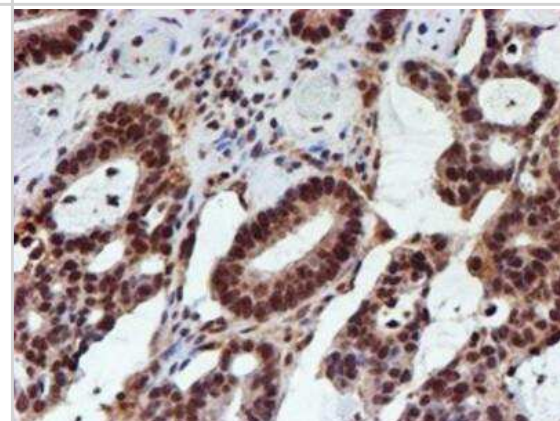
Immunohistochemistry: Cytochrome P450 17A1 Antibody (OTI3F11) [NBP2-01151] - Staining in macaque Leydig cells. Image from a verified customer review.



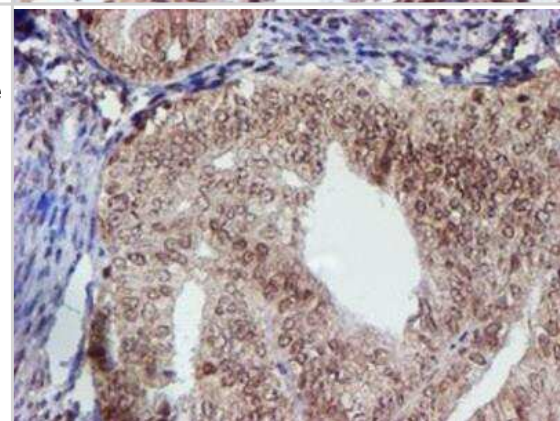
Flow Cytometry: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Analysis of Jurkat cells, using anti-Cytochrome P450 17A1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



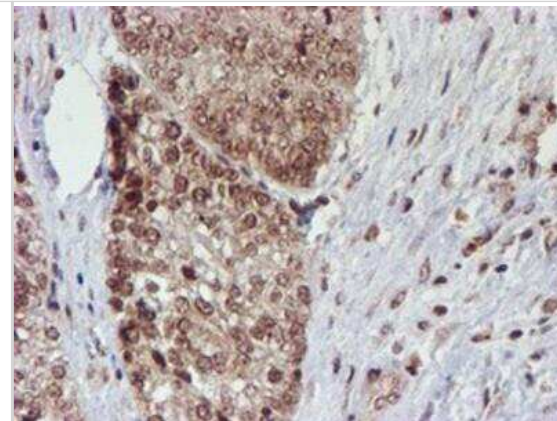
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



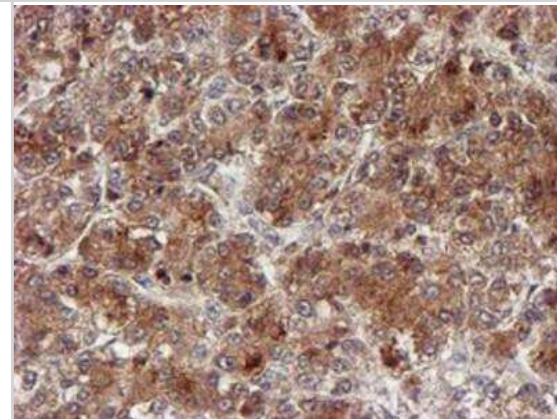
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



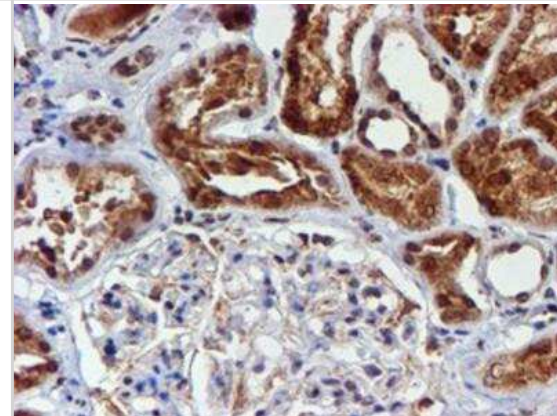
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



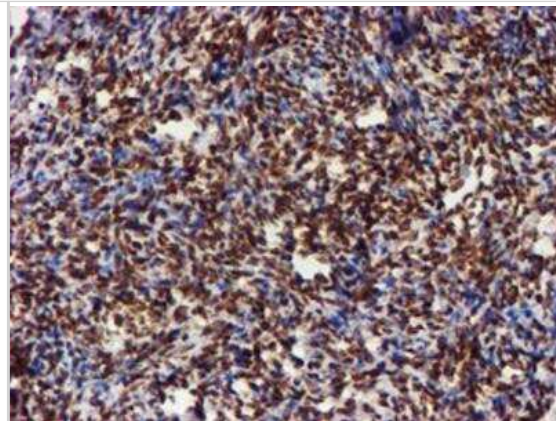
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Human breast tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



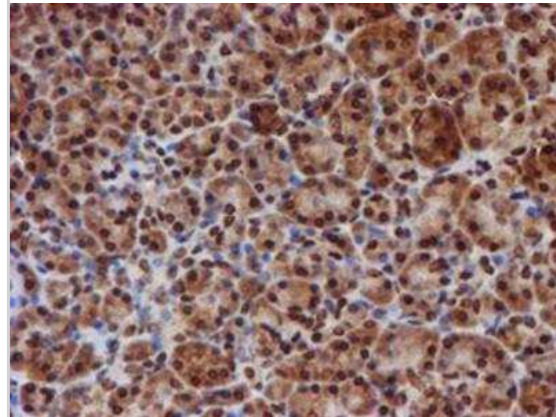
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Human Kidney tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



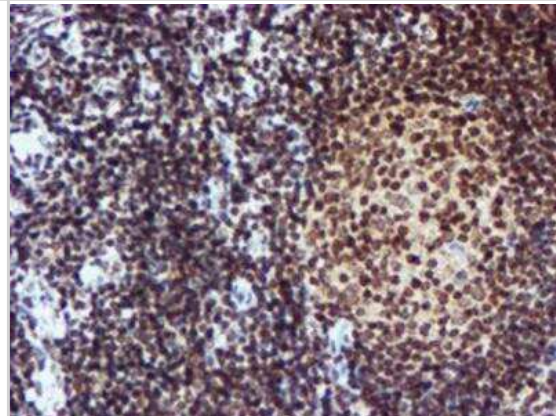
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Human Ovary tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



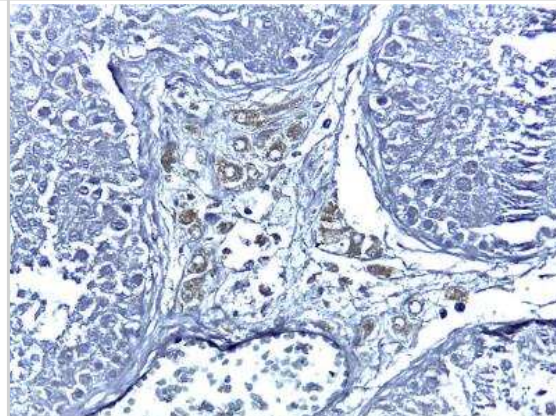
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Human pancreas tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



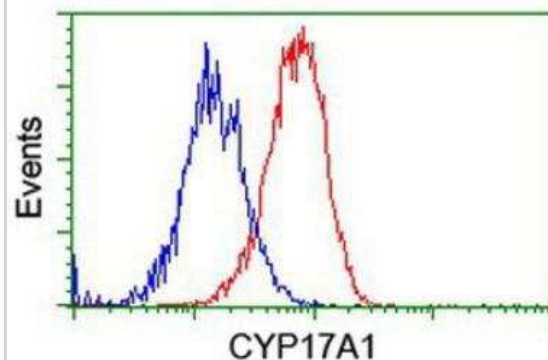
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Human tonsil using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



Immunohistochemistry: Cytochrome P450 17A1 Antibody (OT13F11) [NBP2-01151] - Staining in 13 year old testis. Immunoexpression in Leydig cell. Image from a verified customer review.



Flow Cytometry: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151]  
 - Analysis of HeLa cells, using anti-Cytochrome P450 17A1 antibody,  
 (Red), compared to a nonspecific negative control antibody (Blue).



## Publications

Baskin L, Cao M, Askel S et al. Ovotesticular cords and ovotesticular follicles: New markers in a model of human mixed ovotestis Differentiation; research in biological diversity 2023-11-19 [PMID: 38000942] (IHC, Human)

Overland M, Li Y, Derpinghaus A et al. Development of the human ovary: Fetal through pubertal ovarian morphology, folliculogenesis and expression of cellular differentiation markers Differentiation 2022-10-01 [PMID: 36347737] (IF/IHC, Human)

Cunha G, Cao M, Aksel S et al. Mouse-human species differences in early testicular development and its implications Differentiation 2022-04-01 [PMID: 35667976]

Li Y, Overland M, Derpinghaus A et al. Development of the human fetal testis: Morphology and expression of cellular differentiation markers Differentiation 2022-03-01 [PMID: 35490077] (IF/IHC, Human)

Grzesiak M, Kapusta K, Kaminska K et al. Effect of dietary supplementation with nettle or fenugreek on folliculogenesis and steroidogenesis in the rabbit ovary - An in vivo study Theriogenology 2021-06-08 [PMID: 34126406]

Spade DJ, Hall SJ, Saffarini C et al. Differential response to abiraterone acetate and di-n-butyl phthalate in an androgen-sensitive human fetal testis xenograft bioassay. Toxicol Sci. 2013-11-27 [PMID: 24284787] (IHC-P, Human)



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### **Products Related to NBP2-01151**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB100-2842PEP	Cytochrome P450 17A1 Peptide

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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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