

# 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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Updated 9/9/2025 v.20.1

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

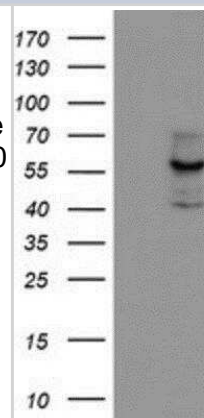
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI3F11
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>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

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Cytochrome P450 17A1 Antibody (OTI3F11) (NBP2-01151) is a monoclonal antibody validated for use in IHC, WB and Flow. Anti-Cytochrome P450 17A1 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	1586
<b>Gene Symbol</b>	CYP17A1
<b>Species</b>	Human
<b>Immunogen</b>	Full length human recombinant protein of human CYP17A1(NP_000093) produced in HEK293T cell.

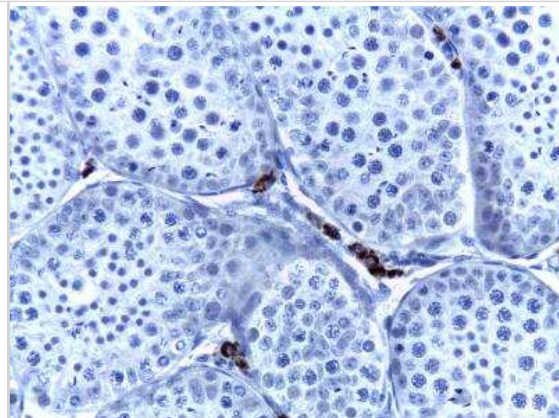
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150

**Images**

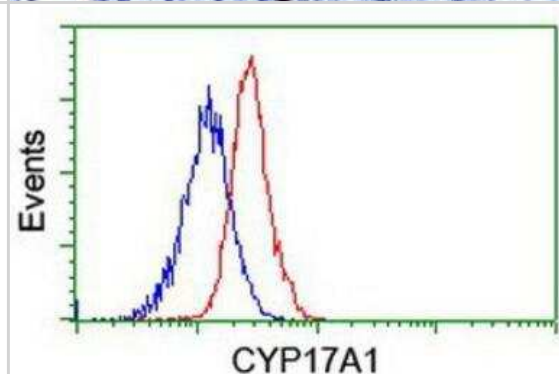
Western Blot: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Cytochrome P450 17A1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted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



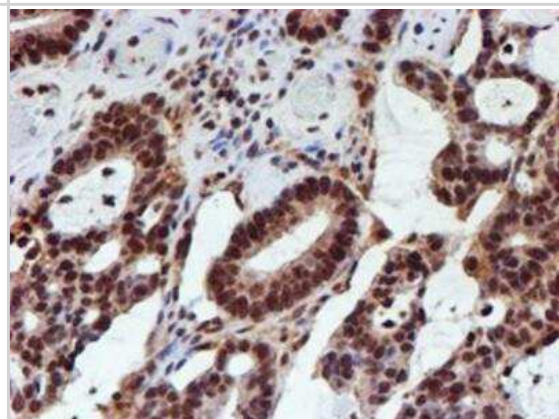
Immunohistochemistry: Cytochrome P450 17A1 Antibody (OTI3F11) [NBP2-01151] - Staining in macaque Leydig cells. Image from a verified customer review.



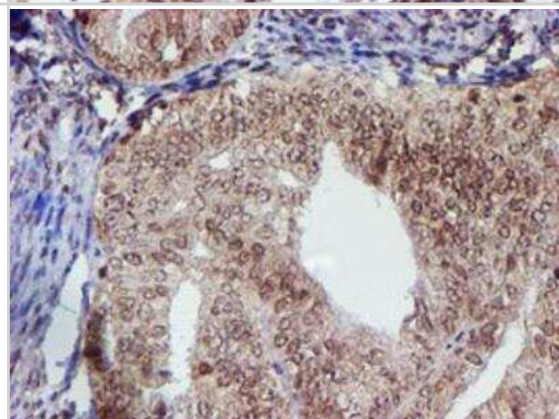
Flow Cytometry: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Analysis of Jurkat cells, using anti-Cytochrome P450 17A1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



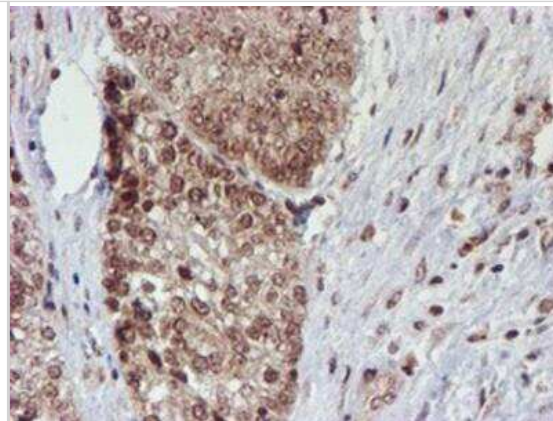
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



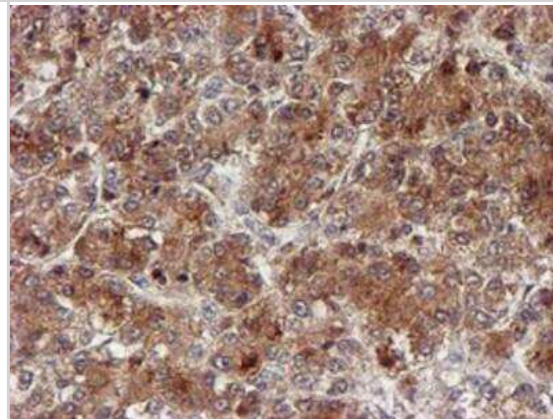
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



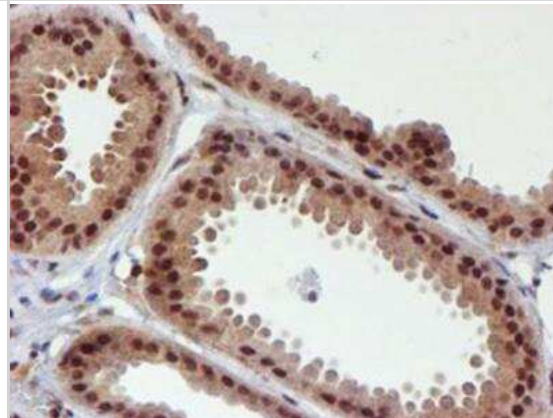
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



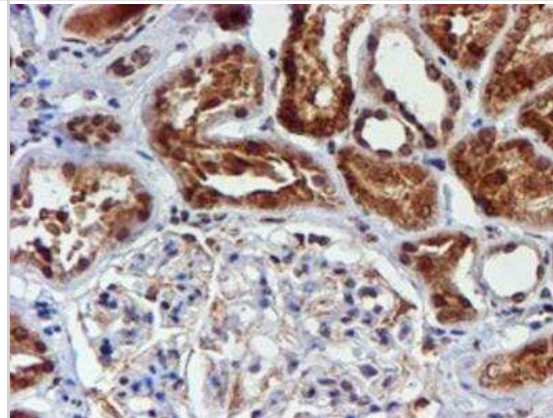
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



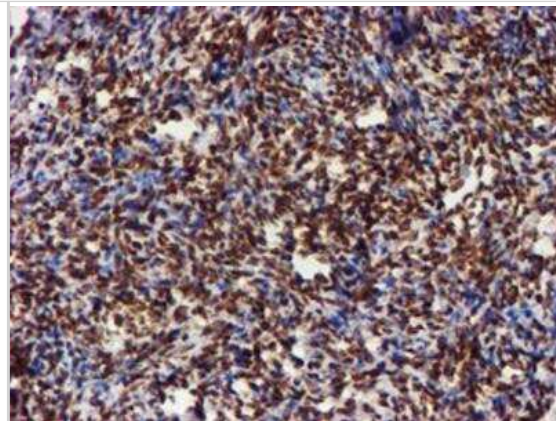
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Human breast tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



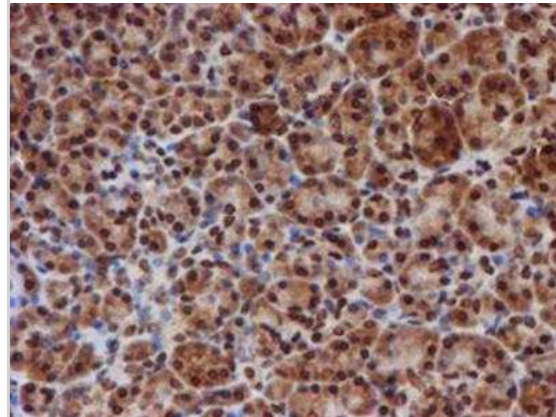
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Human Kidney tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



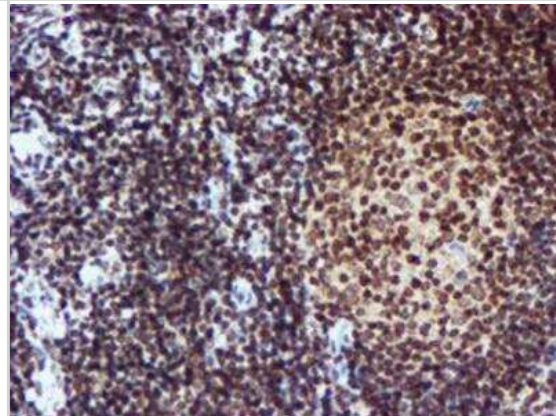
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Human Ovary tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



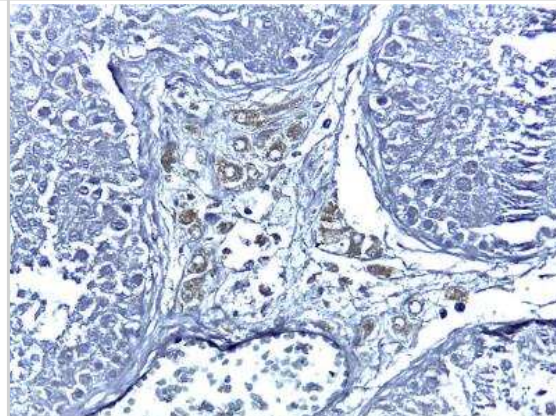
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Human pancreas tissue using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



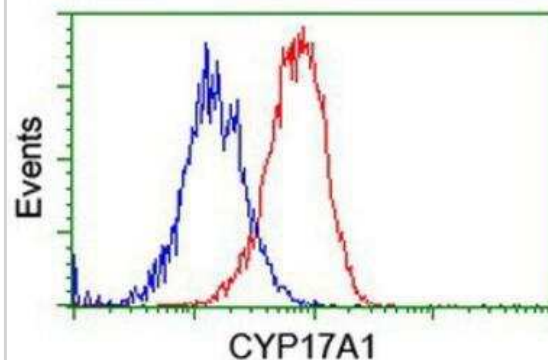
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (3F11) [NBP2-01151] - Staining of paraffin-embedded Human tonsil using anti-Cytochrome P450 17A1 mouse monoclonal antibody.



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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General: novus@novusbio.com

### Products Related to NBP2-01151

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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