P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 – Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

Estrogen Receptor; Clone 11D5
(Ready-To-Use)

Availability/Contents:

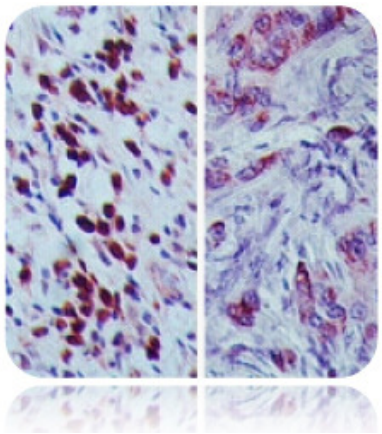
Item #	Volume
A00106-0002	2 ml
A00106-0007	7 ml
A00106-0025	25 ml

Description:

Species:	Mouse
Immunogen:	A recombinant human Estrogen Receptor protein (amino acids 2-185) was used as an imunogen for this antibody.
Mol. Weight:	≈ 67kDa
Clone:	11D5
Isotype:	IgG1, Kappa
Format:	This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded as well as acetone fixed cryostat tissue sections. No further titration is required.
Specificity:	This antibody is specific to estrogen receptor, which is associated with superior prognosis and a better response to endocrine therapy. The nuclei of the estrogen receptor positive cells stain very strongly with this antibody, without any staining in the cytoplasm. However, on cryostat sections a positive staining of estrogen receptor in the nucleus as well as cytoplasm can be seen. This antibody can be used for gel shift assay, immunoprecipitation, immunohistochemistry and western blotting.
Species Reactivity:	Human
Positive Control:	Breast Carcinoma.
Cellular Localization:	Nuclei.
Titer/Working Dilution:	No further dilution is required.
Microbiological State:	This product is not sterile.

Uses/Limitations:

Not to be taken internally.
For In Vitro Diagnostic Use.
This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
Do not use if reagent becomes cloudy.
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile.



Ordering Information and Current Pricing at www.scytek.com

Storage: 2° C 8° C

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Procedure:

1. **Tissue Section Pretreatment:** Staining of formalin fixed, paraffin embedded tissue sections is enhanced by pretreatment with Citrate Plus (ScyTek catalog# CPL500) or 10mM citrate buffer, pH 6.0 (ScyTek Catalog# CBB500, see IFU for instructions).

2. **Primary Antibody Incubation Time:** We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user.

3. **Visualization:** For maximum staining intensity we recommend the "UltraTek HRP Anti-Polyvalent Lab Pack" (ScyTek catalog# UHP125, see IFU for instructions) combined with the "DAB Chromogen/Substrate Bulk Pack (High Contrast)" (ScyTek catalog# ACV500, see IFU for instructions).

Precautions:

Contains Sodium Azide as a preservative (0.09% w/v).
Do not pipette by mouth.
Avoid contact of reagents and specimens with skin and mucous membranes.
Avoid microbial contamination of reagents or increased nonspecific staining may occur.
This product contains no hazardous material at a reportable concentration according to U.S. 29 CFR 1910.1200, OSHA Hazardous Communication Standard and EC Directive 91/155/EC.

References:

1. Greene GL; Nolan C; Engler JP; Jensen EV. Proceedings of the National Academy of Sciences of the United States of America, 1980, 77(9):5115-9.
2. Greene GL; Gilna P; Waterfield M; Baker A; Hort Y; Shine J. Science, 1986, 231(4742):1150-4.
3. Green S; Walter P; Greene G; Krust A; Goffin C; Jensen E; Scrace G; Waterfield M; Chambon P. Journal of Steroid Biochemistry, 1986, 24(1):77-83.
4. Green S; Chambon P. Nature, 1986, 324(6098):615-7.
5. Green S; Gronemeyer H; et al. Growth Factors and Oncogenes in Breast Cancer, 1987. Chichester, England, Ellis Horwood Ltd. 7-28.
6. Evans RM. Science, 1988, 240:889-95.
7. Danielson M; Northrop JP; et al. EMBO Journal, 1986, 5:2513-22.
8. Kumar V; Green S; Stack G; Berry M; Jin JR; Chambon P. Cell, 1987, 51(6):941-51.
9. Greene GL; Sobel BN; et al. Molecular Endocrinology, 1988, 2:714-26.
10. Jensen EV; Jacobson HI. Recent Progress in Hormone Research, 1962, 18:387-414.
11. Walter P; Green S; Greene G; Krust A; Bornert JM; Jeltsch JM; Staub A; Jensen E; Scrace G; Waterfield M; et al. Proc Nat Academy of Sciences of the United States of America, 1985, 82(23):7889-93.

Warranty:

No products or "Instructions For Use (IFU)" are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our IFU or website. Our warranty is limited to the actual price paid for the product. ScyTek Laboratories, Inc. is not liable for any property damage, personal injury, time or effort or economic loss caused by our products. Immunohistochemistry is a complex technique involving both histological and immunological detection methods. Tissue processing and handling prior to immunostaining can cause inconsistent results. Variations in fixation and embedding or the inherent nature of the tissue specimen may cause variations in results. Endogenous peroxidase activity or pseudoperoxidase activity in erythrocytes and endogenous biotin may cause non-specific staining depending on detection system used.

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