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DATA SHEET

Rabbit Anti-Topoisomerase II alpha [EP93]: RM0188, RM0188RTU7

Intended Use: For Research Use Only

Description: Topoisomerase IIα plays important roles in synthesis and transcription of DNA as well as chromosomal segregation during mitosis. It is reported to be a sensitive and specific marker of late S-, G2- & M-phases in transformed and developmentally regulated normal cells. Topoisomerase IIα is also implicated in drug resistance of tumor cells.

Specifications

Clone:	EP93
Source:	Rabbit
Isotype:	IgG
Localization:	Nucleus
Formulation:	Antibody in PBS pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN3)
Storage:	Store at 2°- 8°C
Applications:	IHC

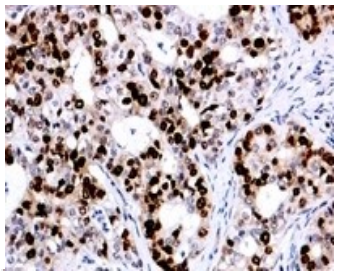
Package:

Description	Catalog No.	Size
Topoisomerase II alpha Concentrated	RM0188	1 ml
Topoisomerase II alpha Prediluted	RM0188RTU7	7 ml

IHC Procedure*

Positive Control Tissue:	Breast cancer
Concentrated Dilution:	50-200
Pretreatment:	Citrate pH 6.0 or EDTA pH 8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp:	30 minutes @ RT
Detection:	Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human breast carcinoma tissue stained with anti-TOP2A using DAB

References:

1. Utility of ProEx C in the histologic evaluation of the neoplastic and nonneoplastic urothelial lesions. Moatamed NA, Vet al. Hum Pathol. Nov;44(11):2509-17, 2013.
2. Expression of ProEXC, p16 and Ki-67 in cervical intraepithelial lesion by immunohistochemistry: diagnostic and clinical significance. Yang QC, et al. Zhonghua Bing Li Xue Za Zhi. Jun;41(6):405-7, 2012.
3. Immunohistochemical expression of minichromosome maintenance complex protein 2 predicts biochemical recurrence in prostate cancer: a tissue microarray and digital imaging analysis-based study of 428 cases. Toubaji A, et al. Hum Pathol. Nov;43(11):1852-65, 2012.
4. p16(INK4a) and ProEx C immunostains facilitate differential diagnosis of hyperchromatic crowded groups in liquid-based Papanicolaou tests with menstrual contamination. Ge Y, et al. Acta Cytol. 56(1):55-61, 2012.

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