

TTF-1 (Thyroid Transcription Factor-1)

IN VITRO DIAGNOSTIC DATASHEET

INTENDED USE : 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.

DESCRIPTION : TTF-1 (Thyroid transcription factor-1) is a member of the NKx2 family of homeodomain transcription factors. It is expressed in epithelial cells of the thyroid gland and the lung. TTF-1 is detected by nuclear staining seen in primary thyroid, lung adenocarcinomas and small cell carcinomas. Staining with TTF-1 antibody is useful for distinguishing between tumors of lung and non-lung origin. For unexpected staining seen in a metastatic tumor work up it is recommended to refer to literature.

CATALOG NO :	PL699	PL699-R7	7 ML RTU 70 TEST
		PL699-R1	1 ML RTU 10 TEST
STAINING PATTERN :	Nuclear	PL699-1	1 ML 1/500 5000 TEST
		PL699-0,1	0,1 ML 1/500 500 TEST

POSITIVE CONTROL : Normal thyroid or lung.

VOLUME : 7 ml Ready to Use (7 ml of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.)

HOST : Mouse

CLONE : 8G7G3/1

ANTIBODY CONCENTRATION : 200ug/ml

SPECIES REACTIVITY : Human, Mouse, and Rat. Shows a broad species reactivity

EPITOPE : Not determined

MICROBIOLOGICAL STATE : This product is not sterile.

PRETREATMENT : Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at room temperature for 20 min.

PRIMARY ANTIBODY INCUBATION TIME : 30 minutes at Room Temperature

STAINING TIPS : If the staining is too light, use lower dilution or longer time. If the staining is too strong, check pretreatment, use higher dilution or shorter time.

STORAGE AND STABILITY : This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

TROUBLESHOOTING : Please contact Patolab Technical Support by e-mail (patolab@patolab.com.tr).