

## 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, Others not tested.

**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 ).