

**Rabbit Anti-TTF1/NKX2.1 [EP229]: RM0212**

**Intended Use:** For Research Use Only

**Description:** Anti-TTF-1 (Thyroid Transcription Factor 1) is useful in differentiating primary adenocarcinoma of the lung from metastatic carcinomas originating in the breast, mediastinal germ cell tumors, and malignant mesothelioma. It can also be used to differentiate small cell lung carcinoma from lymphoid infiltrates. Loss of TTF-1 expression in non-small cell lung carcinoma has been associated with aggressive behavior of such neoplasms. TTF-1 labelling is also seen in thyroid malignancies.

**Specifications**

Clone: EP229  
Source: Rabbit  
Isotype: IgG  
Reactivity: Human  
Localization: Nucleus  
Formulation: Tissue culture supernatant in PBS pH7.5, containing 0.2% BSA, 15mM sodium azide (NaN<sub>3</sub>)  
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles  
Applications: IHC  
Package:

Description	Catalog No.	Size
TTF1/NKX2.1 Concentrated	RM0212	1 ml

**IHC Procedure**

Positive Control Tissue: Lung adenocarcinoma, thyroid cancer  
Concentrated Dilution: 50-200  
Pretreatment: Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C  
Incubation Time and Temp: 30-60 minutes @ RT  
Detection: Refer to the detection system manual  
\* Result should be confirmed by an established diagnostic procedure.