

Monoclonal Mouse Antibody to Rat Thyroid and Lung Epithelial Marker (TTF-1)

Catalog No.:	PDM 104
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	BALB/C mice were injected with a recombinant rat protein.
Clone:	8G7G3/1
Isotype:	IgG1
Format:	This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded and acetone fixed cryostat tissue sections. No further titration is required.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	This antibody is specific to a 40 kD protein, identified as Thyroid transcription factor (TTF-1), which is expressed in epithelial cells of the thyroid gland and lung. TTF-1 stains primary lung adenocarcinoma and small cell carcinoma but does not stain colon and breast carcinoma.
Positive Control:	Lung, thyroid
Cellular Localization:	Nuclear
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	Holzinger et al. Hybridoma 15: 49, 1996.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

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