

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

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| Catalog No.: | Mob 285, Mob 285-05 |
| 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 is supplied as purified immunoglobulin fraction containing sodium azide as a preservative. |
| Titer/Working Dilution: | This antibody may be diluted to a titer of 1:25-1:75 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed. |
| 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 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u> |
| Specificity: | This antibody is specific to a 40 kD protein, which is identified as Thyroid transcription factor (TTF-1). TTF-1 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 |
| Cellular Localization: | Nuclear |
| Storage: | Store at 2-8°C. Do not use it beyond the expiration date stated on the label. |
| References: | i) 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

DBS

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