

## Mouse Monoclonal anti-TTF-1, Clone 8G7G3/1

60-0065; 60-0065-7	6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0065; 61-0065-2; 61-0065-5	1 mL; 0.2 mL; 0.5 mL Concentrate Antibody
Isotype	IgG1
Concentration	See container label

### Intended Use

For In Vitro Diagnostic Use.

This product is intended for laboratory use to qualitatively detect TTF-1 by light microscopy in normal and neoplastic formalin fixed paraffin embedded tissue sections using immunohistochemical (IHC) methodology. Interpretation of any positive or negative staining shall be supported by a proper control and must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

### Description

Thyroid transcription factor-1 (TTF-1) is exclusively expressed in epithelial cells of the thyroid gland and lung.

The antibody labels TTF-1. It is useful in the investigation of metastatic adenocarcinoma of an unknown origin. Positive results aid in the classification of tumors of the lung and thyroid, which is particularly useful in the investigation of pleural-based malignancies.

### Reagent provided

This antibody is in 10 mM Phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide (NaN<sub>3</sub>) as antimicrobial agent.

### Precautions

For professional users

Proper handling of this product as with any product derived from biological sources shall be followed according to local and applicable regulations.

Sodium azide is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of NaN<sub>3</sub> may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.

### Usage

#### Dilution

60-0065; 60-0065-7: Ready-To-Use

61-0065; 61-0065-2; 61-0065-5: Dilute 1:50 to 1:100 before use when using Acu-Stain™ detection system. Optimum dilution factor may vary depending on the specimen and preparation process and should be determined by each individual investigator.

#### Staining procedure

Incubate this antibody with tissue section for 30-60 minutes at room temperature. Follow the instructions from the selected detection system.

#### Positive control tissue

Thyroid

#### Epitope retrieval

HIER, Citrate pH 6.0

#### Staining pattern

Nucleus

### Storage

Store at 2-8°C.

### References

- Holzinger A, et al. Hybridoma. 1996 Feb;15(1):49-53.
- Lazzaro D, et al. Development. 1991 Dec;113(4):1093-104
- Bohinski RJ, et al. Mol Cell Biol. 1994 Sep;14(9):5671-81

### Symbols

				
Catalog No.	Batch No.	In Vitro Diagnostic Use	Temperature Range	Use By