

## Mouse anti-Human TTF-1, clone 8G7G3/1 (Monoclonal)

Clone no. 8G7G3/1

MONOSAN

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|---------------------------|-------------------------------------------------------------------|
| Product name              | Mouse anti-Human TTF-1, clone 8G7G3/1 (Monoclonal)                |
| Host                      | Mouse                                                             |
| Applications              | IHC-P (1:100-1:500)                                               |
| Species reactivity        | human                                                             |
| Conjugate                 | -                                                                 |
| Immunogen                 | Unknown or proprietary to MONOSAN and/or its suppliers            |
| Isotype                   | IgG1-k                                                            |
| Clonality                 | Monoclonal                                                        |
| Clone number              | 8G7G3/1                                                           |
| Size                      | 1 ml                                                              |
| Concentration             | n/a                                                               |
| Format                    | -                                                                 |
| Storage buffer            | Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide |
| Storage until expiry date | 2-8°C                                                             |

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Anti-TTF-1 (Thyroid Transcription Factor 1) is useful in differentiating primary adenocarcinoma of the lung from metastatic carcinomas originating in the organs rather than thyroid, germ cell tumors, and malignant mesothelioma. It can also be used to differentiate small cell lung carcinoma from lymphoid infiltrates. TTF-1 labeling is also seen in thyroid and thyroid-derived tumors. TTF-1 immunostaining is useful in the differentiation between pulmonary and nonpulmonary origin of adenocarcinomas in malignant effusions. TTF-1 staining is very reliable in discerning whether a brain metastasis has arisen from a pulmonary or nonpulmonary site, particularly when dealing with adenocarcinomas and largecell carcinomas.

**References**

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2. Di Loreto C, et al. Cancer Lett. 1998; 124:73-8
3. Abutaily AS, et al. J Clin Pathol. 2002; 55:662-8
4. Jang KY, et al. Anal Quant Cytol Histol. 2001; 23:400-4
5. Srodon M, et al. Hum Pathol. 2002; 33:642-5

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