

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

Clone no. 8G7G3/1

MONOSAN Ready To Use

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Product name	Mouse anti-TTF-1, Clone 8G7G3/1
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1-k
Clonality	Monoclonal
Clone number	8G7G3/1
Size	7 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**

1. Bejarano PA, et al. Mod Pathol. 1996; 9:445-52
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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