

Rabbit anti TFE3, Clone MRQ-37

Clone no. MRQ-37

MONOSAN Ready To Use

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Product name	Rabbit anti TFE3, Clone MRQ-37
Host	Rabbit
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	MRQ-37
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**

Transcription factor E3 (TFE3) is a protein expressed in many cell types that are encoded by the TFE3 gene. This gene may be involved in chromosomal translocations that occur in some cancers. Xp11 translocation renal cell carcinomas (RCC) are a recently recognized subset of RCC, characterized by chromosome translocations involving the Xp11.2 break point and resulting in gene fusions involving the TFE3 transcription factor gene that maps to this locus.<sup>1</sup> Alveolar soft part sarcoma (ASPS) is an uncommon soft tissue sarcoma of uncertain differentiation. The hallmark of ASPS is a chromosomal rearrangement at 17q25 and Xp11.2 engendering an ASPSCR1-TFE3 fusion gene responsible for an aberrant transcription factor presumably enabling pathogenesis.<sup>1-5</sup>

**References**

1. Argani P. Am J Clin Pathol. 2006; 126:332-4
2. Argani P, et al. Am J SurgPathol. 2003; 27:750-61
3. Argani P, et al. Clin Lab Med. 2005; 25:363-78
4. Lazar AJ, et al. Histopathol. 2009; 55:750-5
5. Lin G, et al. Arch Pathol Lab Med. 2015; 139:106-21

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