

TFE3 (AB2352) mouse mAb

W0048

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Bovin;

Applications

- WB; IHC; IF; IP; ELISA

MW

- 62 kDa (calculated)
- 62 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

WB; IHC; IF; IP; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. | IP, 0. 5ug-1:4ug antibody for 200ug-1:400ug extracts of whole cel

Storage

Storage Conditions

Store at-20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB2352
Immunogen	A synthetic peptide corresponding to the amino acid region 100 - 200 of the human TFE3 protein.
Specificity	This antibody detects endogenous levels of TFE3 protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	TFE3		
Protein Name	TFE3		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P19532	7030

Background	transcription factor binding to IGHM enhancer 3 (TFE3) Homo sapiens This gene encodes a basic helix-loop-helix domain-containing transcription factor that binds MUE3-type E-box sequences in the promoter of genes. The encoded protein promotes the expression of genes downstream of transforming growth factor beta (TGF-beta) signaling. This gene may be involved in chromosomal translocations in renal cell carcinomas and other cancers, resulting in the production of fusion proteins. Translocation partners include PRCC (papillary renal cell carcinoma) , NONO (non-POU domain containing, octamer-binding) , and ASPSCR1 (alveolar soft part sarcoma chromosome region, candidate 1) , among other genes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013],
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