



TFE3

Mouse Monoclonal antibody(Mab)
Catalog # AD80203

Specification

TFE3 - Product info

Application IHC-P
Primary Accession P19532
Reactivity Human
Host Mouse
Clonality Monoclonal
Calculated MW 61521

TFE3 - Additional info

Gene ID 7030
Gene Name TFE3

Other Names

Transcription factor E3, Class E basic helix-loop-helix protein 33, bHLHe33, TFE3 {ECO:0000303|PubMed:9393982, ECO:0000312|HGNC:HGNC:11752}

Dilution

IHC-P~~Ready-to-use

Storage

Maintain refrigerated at 2-8°C

Precautions TFE3 Antibody is for research use only and

not for use in diagnostic or therapeutic

procedures.

TFE3 - Protein Information

Name TFE3 {ECO:0000303|PubMed:9393982, ECO:0000312|HGNC:HGNC:11752}

Synonyms BHLHE33

Function

Transcription factor that specifically recognizes and binds E-box sequences (5'-CANNTG-3'). Efficient DNA-binding requires dimerization with itself or with another MiT/TFE family member such as TFEB or MITF. In association with TFEB,

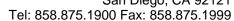
activates the expression of CD40L in T-cells, thereby playing a role in T-cell-dependent antibody responses in

activated CD4(+) T-cells and

thymus-dependent humoral immunity. Specifically recognizes the MUE3 box, a

subset of E-boxes, present in the







Cellular Location Tissue Location

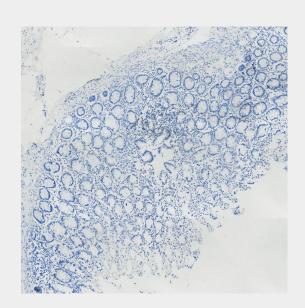
immunoglobulin enhancer. It also binds very well to a USF/MLTF site. Nucleus. Ubiquitous in fetal and adult tissues.

TFE3 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

TFE3 - Images



Pancreas