

TFEB monoclonal antibody (M01), clone S1
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AT4219a**Specification**

TFEB monoclonal antibody (M01), clone S1 - Product Information

Application	WB, IF, E
Primary Accession	P19484
Reactivity	Human, Rat
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	52865

TFEB monoclonal antibody (M01), clone S1 - Additional Information**Gene ID** 7942**Other Names**

Transcription factor EB, Class E basic helix-loop-helix protein 35, bHLHe35, TFEB, BHLHE35

Target/Specificity

TFEB (AAH32448, 1 a.a. ~ 476 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

DilutionWB~~1:1000
IF~~1:50~200
E~~N/A**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

TFEB monoclonal antibody (M01), clone S1 is for research use only and not for use in diagnostic or therapeutic procedures.

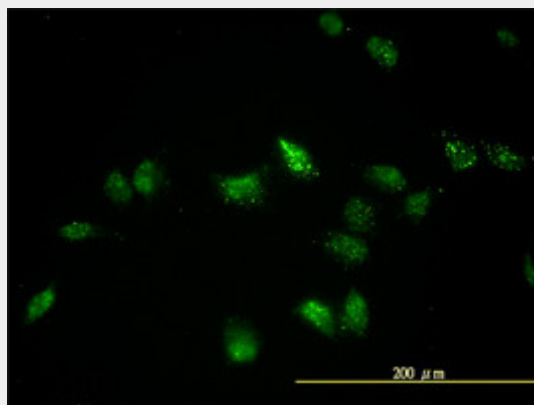
TFEB monoclonal antibody (M01), clone S1 - Protocols

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

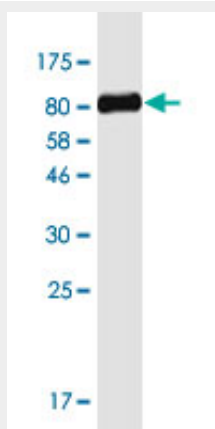
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TFEB monoclonal antibody (M01), clone S1 - Images



Immunofluorescence of monoclonal antibody to TFEB (AT4219a) on HeLa cell. [antibody concentration 20ug/ml]



Western Blot detection against Immunogen (78.1 KDa) .

TFEB monoclonal antibody (M01), clone S1 - References

A gene network regulating lysosomal biogenesis and function. Sardiello M, et al. Science, 2009 Jul 24. PMID 19556463. Cathepsin-K immunoreactivity distinguishes MiTF/TFE family renal translocation carcinomas from other renal carcinomas. Martignoni G, et al. Mod Pathol, 2009 Aug. PMID 19396149. Molecular genetics of adult ADHD: converging evidence from genome-wide association and extended pedigree linkage studies. Lesch KP, et al. J Neural Transm, 2008 Nov. PMID 18839057. Characterization of t(6;11)(p21;q12) in a renal-cell carcinoma of an adult patient. Pecciarini L, et al. Genes Chromosomes Cancer, 2007 May. PMID 17285572. Renal carcinomas with the t(6;11)(p21;q12): clinicopathologic features and demonstration of the specific alpha-TFEB gene fusion by immunohistochemistry, RT-PCR, and DNA PCR. Argani P, et al. Am J Surg Pathol, 2005 Feb. PMID 15644781.