

TFEC Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a partial recombinant TFEC.

Catalog # AT4220a

Product Information

Application	WB, E
Primary Accession	O14948
Other Accession	NM_001018058
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4F11
Calculated MW	38788

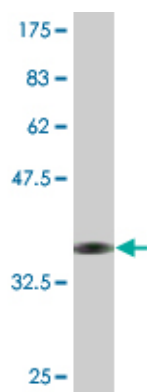
Additional Information

Gene ID	22797
Other Names	Transcription factor EC, TFE-C, Class E basic helix-loop-helix protein 34, bHLHe34, Transcription factor EC-like, hTFEC-L, TFEC, BHLHE34, TC FEC, TFECL
Target/Specificity	TFEC (NP_001018068.1, 1 a.a. ~ 89 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	TFEC Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

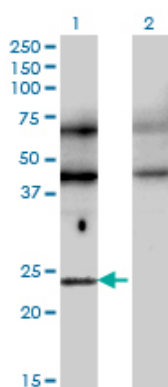
References

The DNA sequence of human chromosome 7. Hillier LW, et al. Nature, 2003 Jul 10. PMID 12853948. Human chromosome 7: DNA sequence and biology. Scherer SW, et al. Science, 2003 May 2. PMID 12690205. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. The microphthalmia transcription factor and the related helix-loop-helix zipper factors TFE-3 and TFE-C collaborate to activate the tartrate-resistant acid phosphatase promoter. Mansky KC, et al. J Leukoc Biol, 2002 Feb. PMID 11818452. TFEC can function as a transcriptional activator of the nonmuscle myosin II heavy chain-A gene in transfected cells. Chung MC, et al. Biochemistry, 2001 Jul 31. PMID 11467950.

Images

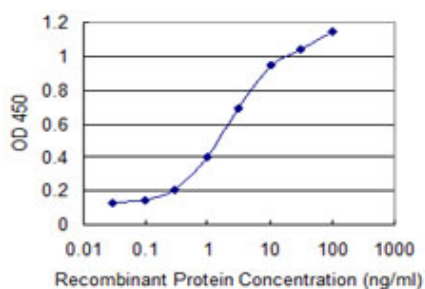


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 KDa) .



Western Blot analysis of TFEC expression in transfected 293T cell line by TFEC monoclonal antibody (M08), clone 4F11.

Lane 1: TFEC transfected lysate(22.7 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged TFEC is 0.1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.