10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TFEC Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a partial recombinant TFEC.
Catalog # AT4220a

Specification

TFEC Antibody (monoclonal) (M08) - Product Information

Application	**WB, E**
Primary Accession	O14948
Other Accession	NM_001018058
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**38788**

TFEC Antibody (monoclonal) (M08) - 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, TCFEC, 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

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.

TFEC Antibody (monoclonal) (M08) - Protocols

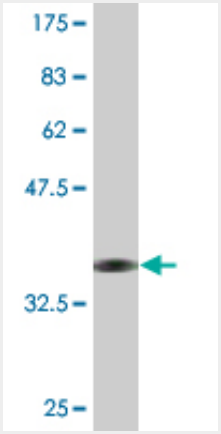
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

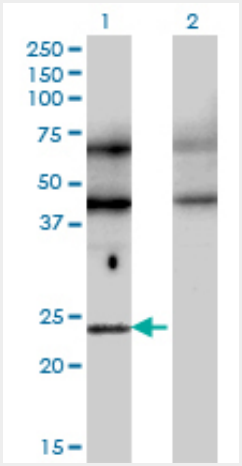
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TFEC Antibody (monoclonal) (M08) - Images



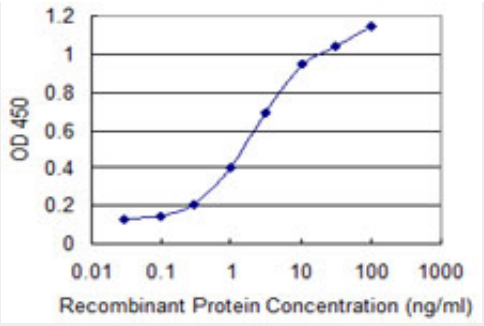
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.53 KDa) .



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.

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

TFEC Antibody (monoclonal) (M08) - 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.