

TCEAL1 Antibody (monoclonal) (M20)

Mouse monoclonal antibody raised against a partial recombinant TCEAL1.

Catalog # AT4178a

Specification

TCEAL1 Antibody (monoclonal) (M20) - Product Information

Application	WB, E
Primary Accession	O15170
Other Accession	NM_001006639
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	18641

TCEAL1 Antibody (monoclonal) (M20) - Additional Information

Gene ID 9338

Other Names

Transcription elongation factor A protein-like 1, TCEA-like protein 1, Nuclear phosphoprotein p21/SIIR, Transcription elongation factor S-II protein-like 1, TCEAL1, SIIR

Target/Specificity

TCEAL1 (NP_001006640.1, 1 a.a. ~ 100 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

TCEAL1 Antibody (monoclonal) (M20) is for research use only and not for use in diagnostic or therapeutic procedures.

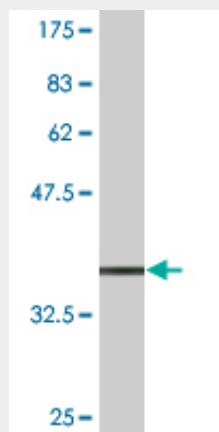
TCEAL1 Antibody (monoclonal) (M20) - Protocols

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

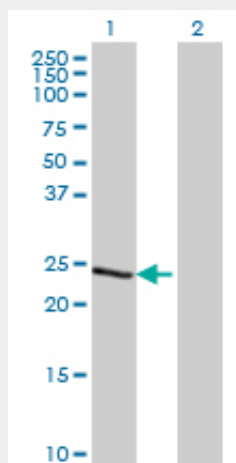
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

TCEAL1 Antibody (monoclonal) (M20) - Images



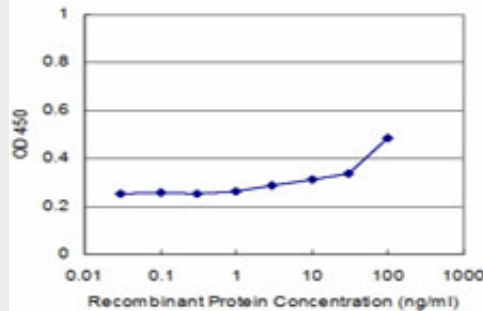
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .



Western Blot analysis of TCEAL1 expression in transfected 293T cell line by TCEAL1 monoclonal antibody (M20), clone 2B5.

Lane 1: TCEAL1 transfected lysate (18.6 kDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged TCEAL1 is approximately 3ng/ml as a capture antibody.

TCEAL1 Antibody (monoclonal) (M20) - Background

This gene encodes a member of the transcription elongation factor A (SII)-like (TCEAL) gene family. Members of this family may function as nuclear phosphoproteins that modulate transcription in a promoter context-dependent manner. The encoded protein is similar to transcription elongation factor A/transcription factor SII and contains a zinc finger-like motif as well as a sequence related to the transcription factor SII Pol II-binding region. It may exert its effects via protein-protein interactions with other transcriptional regulators rather than via direct binding of DNA. Multiple family members are located on the X chromosome. Alternative splicing results in multiple transcript variants encoding a single isoform.

TCEAL1 Antibody (monoclonal) (M20) - References

Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. *Cell*, 2009 Jul 23. PMID 19615732. Polymorphisms in cell cycle regulatory genes, urinary arsenic profile and urothelial carcinoma. Chung CJ, et al. *Toxicol Appl Pharmacol*, 2008 Oct 15. PMID 18640142. Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. *Mol Syst Biol*, 2007. PMID 17353931. Polymorphisms of p53 and p21 genes in chronic obstructive pulmonary disease. Lee YL, et al. *J Lab Clin Med*, 2006 May. PMID 16697770. Linking TP53 codon 72 and P21 nt590 genotypes to the development of cervical and ovarian cancer. Santos AM, et al. *Eur J Cancer*, 2006 May. PMID 16542834.