

Datasheet for ABIN955168  
**anti-TFAM antibody (C-Term)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	0.4 mL
Target:	TFAM
Binding Specificity:	AA 223-254, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 223-254 amino acids from the C-terminal region of human TFAM
Isotype:	Ig Fraction
Specificity:	This antibody detects TFAM (C-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

## Target Details

Target:	TFAM
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## Target Details

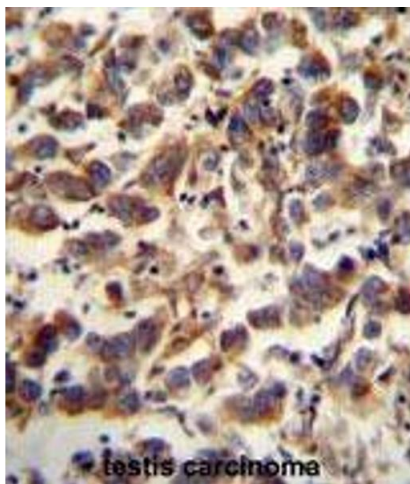
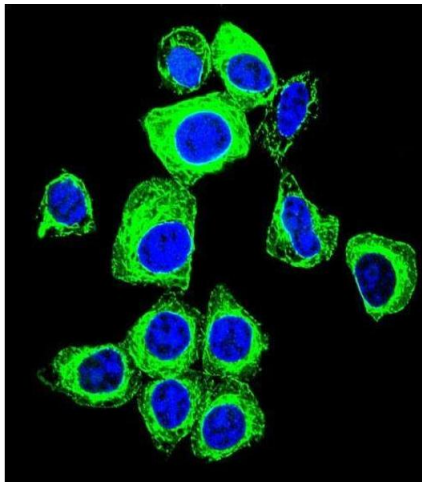
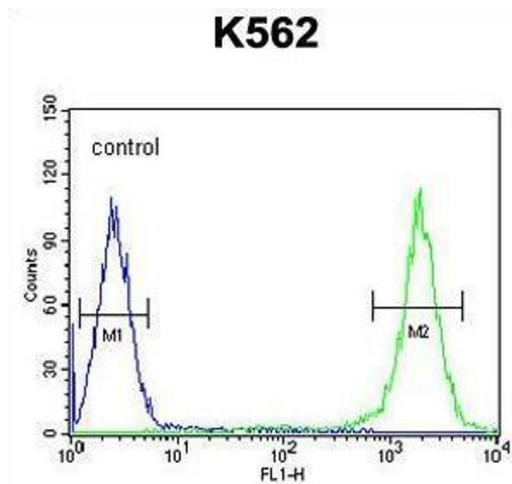
Alternative Name:	TFAM / TCF6 ( <a href="#">TFAM Products</a> )
Background:	This gene encodes a mitochondrial transcription factor that is a key activator of mitochondrial transcription as well as a participant in mitochondrial genome replication. Studies in mice have demonstrated that this gene product is required to regulate the mitochondrial genome copy number and is essential for embryonic development. A mouse model for Kearns-Sayre syndrome was produced when expression of this gene was eliminated by targeted disruption in heart and muscle cells. Synonyms: Mitochondrial transcription factor 1, MtTF1, TCF-6, TCF6L2, Transcription factor 6, Transcription factor 6-like 2, mitochondrial Transcription factor A
Gene ID:	7019
NCBI Accession:	<a href="#">NP_003192</a>
Pathways:	<a href="#">Chromatin Binding</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.



### Flow Cytometry

**Image 1.** TFAM Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Immunofluorescence

**Image 2.** Confocal immunofluorescent analysis of TFAM Antibody (C-term) with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclei (blue).

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** TFAM antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TFAM antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN955168.