

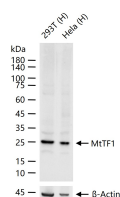
bsm-61684R**[Primary Antibody]****MtTF1 Recombinant Rabbit mAb****BioSS**
ANTIBODIES

www.bioss.com.cn

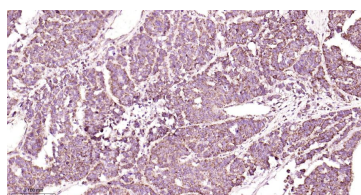
sales@bioss.com.cn

techsupport@bioss.com.cn

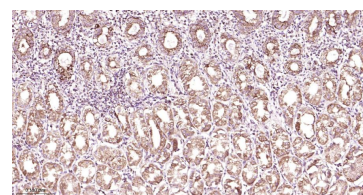
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 3C11**GeneID:** 7019**SWISS:** Q00059**Target:** MtTF1**Immunogen:** A synthesized peptide derived from human mtTFA: 52-80.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Binds to the mitochondrial light strand promoter and functions in mitochondrial transcription regulation. Required for accurate and efficient promoter recognition by the mitochondrial RNA polymerase.**Applications:** **WB** (1:500-2000)
IHC-P (1:50-200)
IHC-F (1:50-200)
IF (1:50-200)
ICC/IF (1:50-200)
IP (1:20-50)**Reactivity:** Human**Predicted MW.:** 29 kDa**Observed MW.:** 24 kDa**Subcellular Location:** Cytoplasm**— VALIDATION IMAGES —**

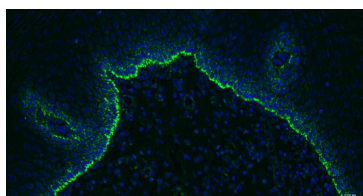
25 ug total protein per lane of various lysates (see on figure) probed with MtTF1 monoclonal antibody, unconjugated (bsm-61684R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



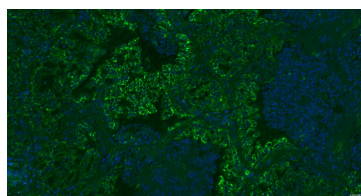
Paraformaldehyde-fixed, paraffin embedded Human Esophageal Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with MtTF1 Monoclonal Antibody, Unconjugated (bsm-61684R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Stomach; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with MtTF1 Monoclonal Antibody, Unconjugated (bsm-61684R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Esophagus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MtTF1 Antibody, Unconjugated (bsm-61684R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Green, bs-0295G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MtTF1 Monoclonal Antibody, Unconjugated (bsm-61684R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Green, bs-0295G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.