

Product datasheet for **TA501067M**

MTRFIL Mouse Monoclonal Antibody [Clone ID: OTI2B5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2B5
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:50, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MTRFIL (NP_061914) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43.6 kDa
Gene Name:	mitochondrial translation release factor 1 like
Database Link:	NP_061914 Entrez Gene 54516 Human Q9UGC7



Background: Mitochondrial peptide chain release factor that directs the termination of translation in response to the peptide chain termination codons UAA and UAG

Synonyms: HMRFIL; MRFIL; mtRFLa

Product images:

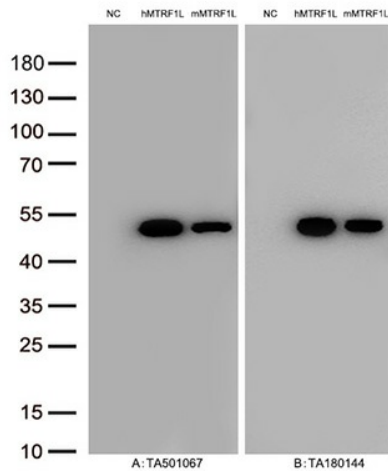
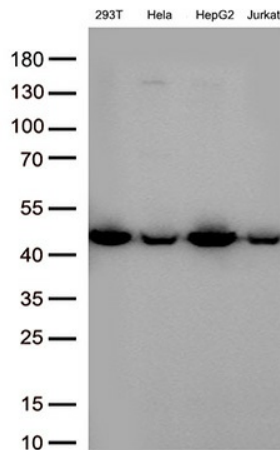
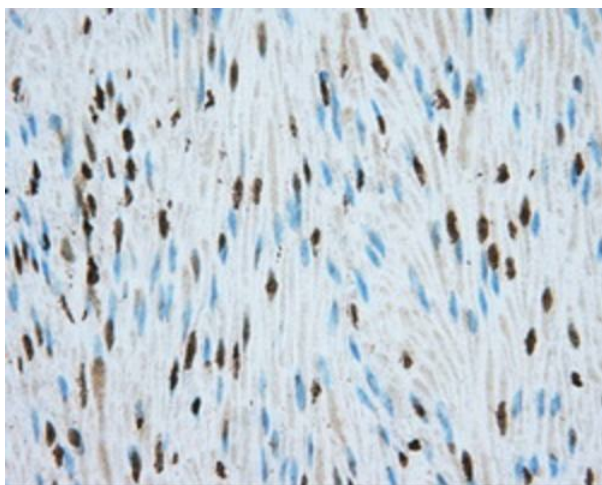


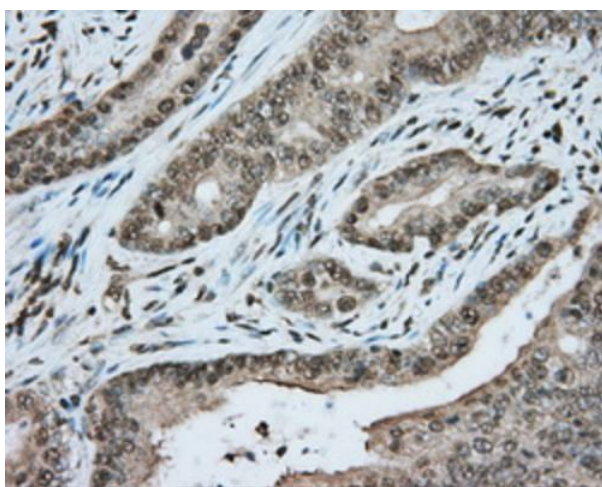
Figure A, Western blot analysis of overexpressed lysates (15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human MTRFIL plasmid ([RC204221], hMTRFIL), mouse MTRFIL plasmid ([MR217483], mMTRFIL) using anti-MTRFIL antibody [TA501067] (1:10000@1mg/ml). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:10000@1mg/ml).



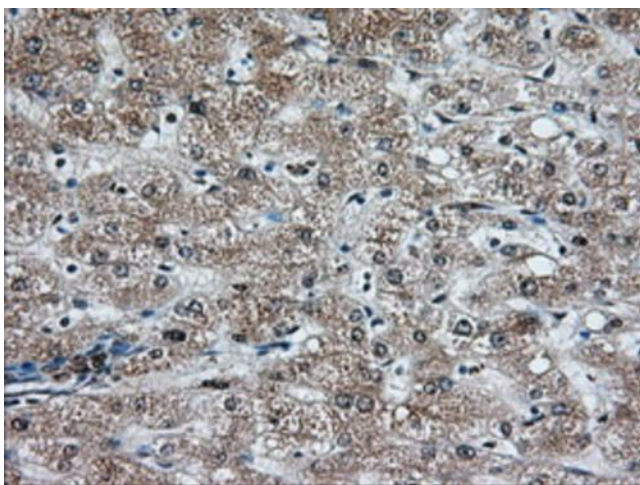
Western blot analysis of extracts (30ug per lane) from 4 different cell lines lysates by using anti-MTRFIL antibody([TA501067],1:1000@1mg/ml).



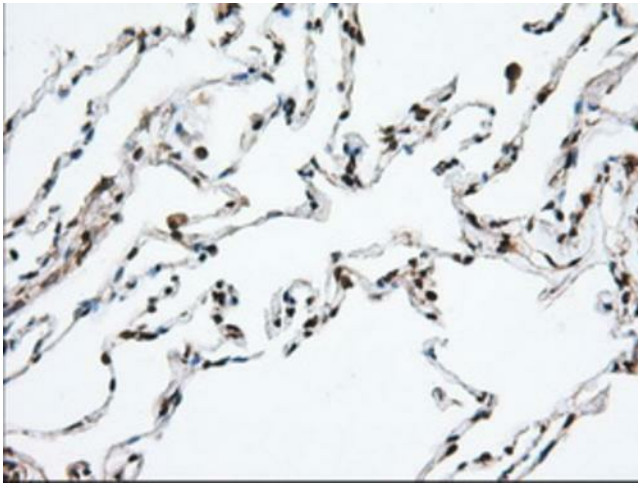
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-MTRFIL mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



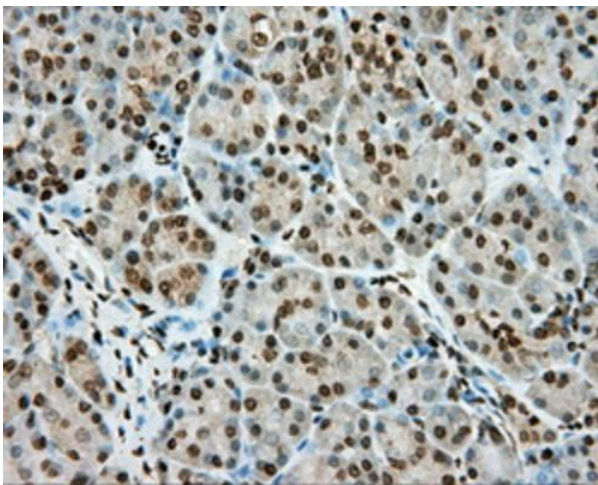
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-MTRFIL mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



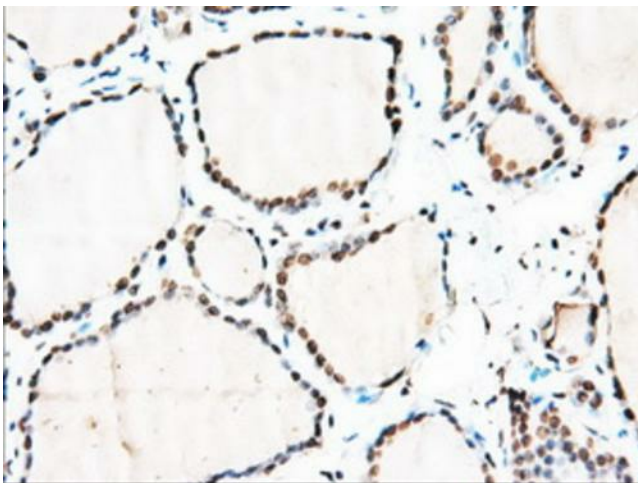
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-MTRFIL mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



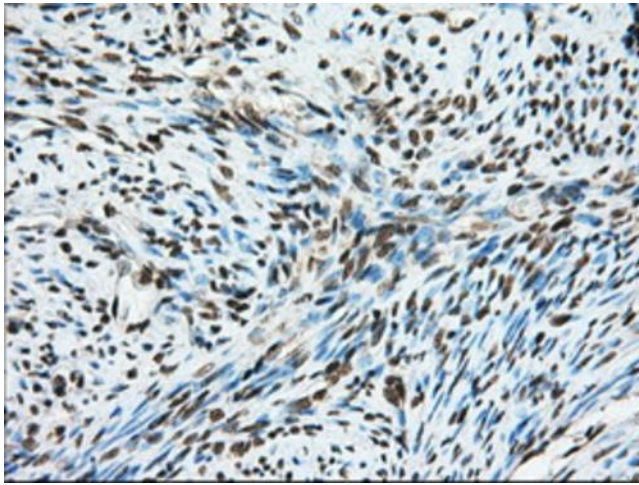
Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-MTRFIL mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



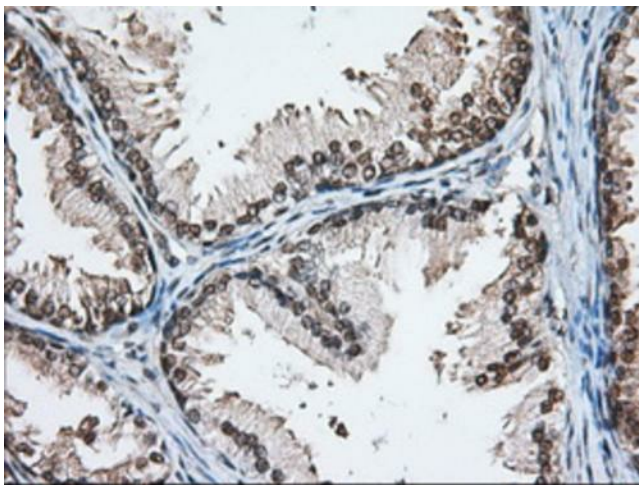
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-MTRFIL mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



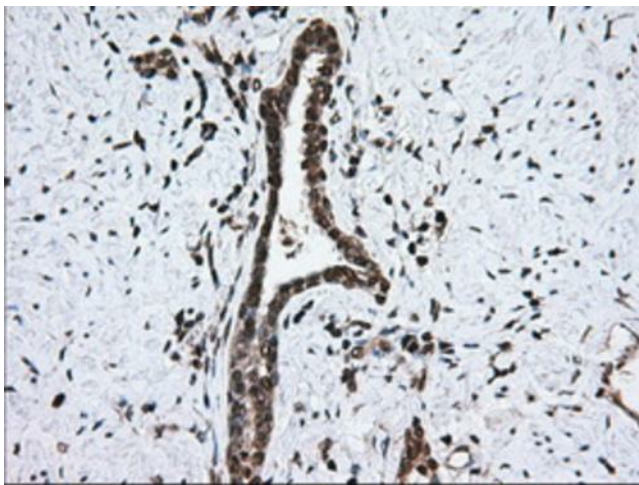
Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-MTRFIL mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



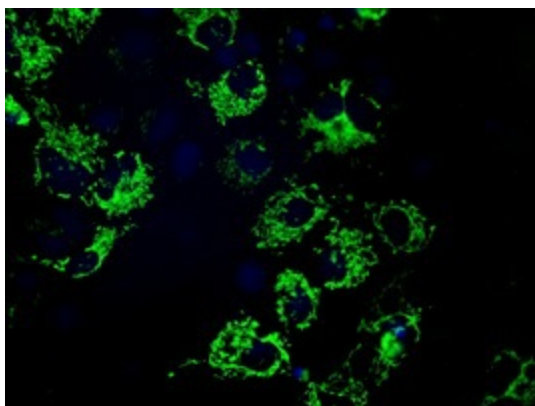
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-MTRFIL mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



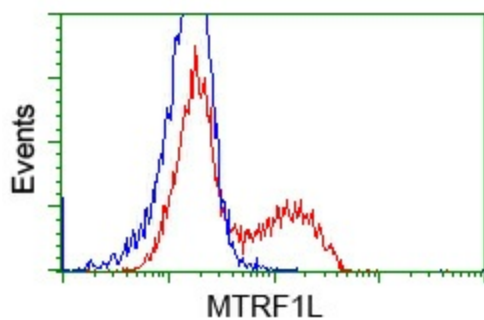
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-MTRFIL mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-MTRFIL mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Anti-MTRF1L mouse monoclonal antibody ([TA501067]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MTRF1L ([RC204221]).



HEK293T cells transfected with either [RC204221] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MTRF1L antibody ([TA501067]), and then analyzed by flow cytometry.