

DATASHEET

EF-Ts Rabbit Monoclonal Antibody(C970)

CAT. NO. AMA00582

KEY FEATURES

Target	EF-Ts	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Associates with the EF-Tu.GDP complex and induces the exchange of GDP to GTP. It remains bound to the aminoacyl-tRNA.EF-Tu.GTP complex up to the GTP hydrolysis stage on the ribosome. Participates in mitochondrial translation .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

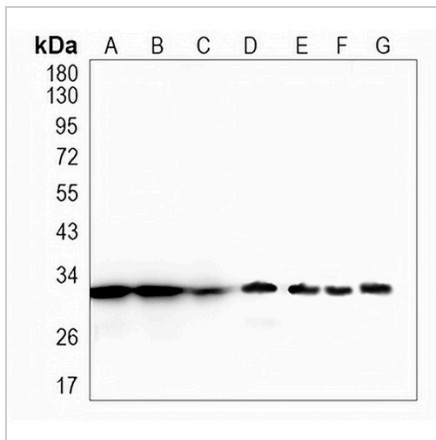
Description	Recombinant rabbit monoclonal antibody to EF-Ts
Specificity	Recognizes endogenous levels of EF-Ts protein
Antibody Type	Primary antibody, Recombinant
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human EF-Ts. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 35 kD; Observed: 32 kD
Form/Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Alternative Names	Elongation factor Ts, mitochondrial; EF-Ts; EF-TsMt
Gene Symbol	TSFM
Entrez Gene	10102(Human); 66399(Mouse)
SwissProt	P43897(Human); Q9CZR8(Mouse); Q9QYU2(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of EF-Ts expression in HEK293T (A), A549 (B), K562 (C), mouse kidney (D), mouse muscle (E), rat kidney (F), rat muscle (G) whole cell lysates. (Predicted band size: 35 kD; Observed band size: 32 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.