

Product datasheet for TA384754M

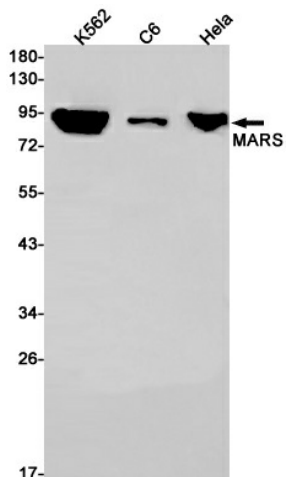
Methionyl tRNA synthetase (MARS) Rabbit Monoclonal Antibody [Clone ID: R03-3D4]

Product data:

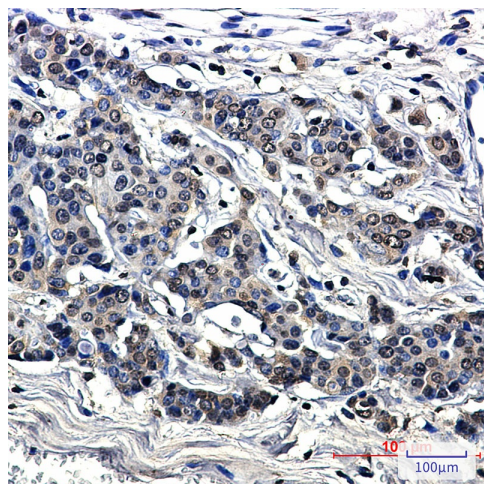
Product Type:	Primary Antibodies
Clone Name:	R03-3D4
Applications:	IF, IHC, IP, WB
Recommended Dilution:	WB: 1/2000-1/10000 IHC: 1/20 ICC/IF: 1/50 IP: 1/20
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human MARS
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 101 kDa; Observed MW: 101 kDa
Gene Name:	methionyl-tRNA synthetase
Database Link:	Entrez Gene 4141 Human P56192
Background:	Swiss-Prot Acc.P56192.Catalyzes the specific attachment of an amino acid to its cognate tRNA in a 2 step reaction: the amino acid (AA) is first activated by ATP to form AA-AMP and then transferred to the acceptor end of the tRNA.
Synonyms:	FLJ35667; MetRS; MTRNS


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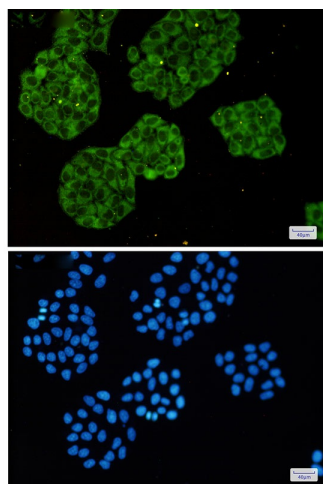
Product images:



Western blot analysis of MARS in K562, C6, HeLa lysates using MetRS antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using MetRS/MARS antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of MARS (green) in HeLa using MARS antibody, and DAPI (blue)

