

Product datasheet for TA384754

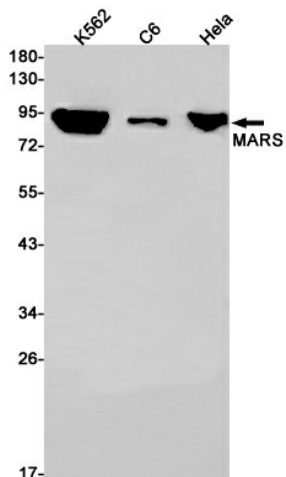
Methionyl tRNA synthetase (MARS) Rabbit Monoclonal Antibody [Clone ID: R03-3D4]

Product data:

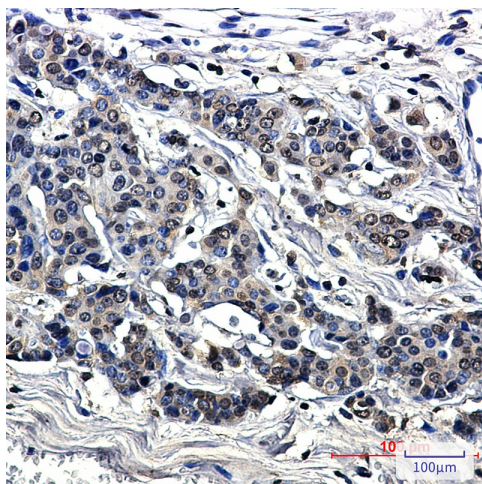
| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | R03-3D4 |
| Applications: | IF, IHC, IP, WB |
| Recommended Dilution: | WB: 1/2000-1/10000 IHC: 1/20 ICC/IF: 1/50 IP: 1/20 |
| Reactivity: | Human, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Monoclonal |
| 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 |


[View online »](#)

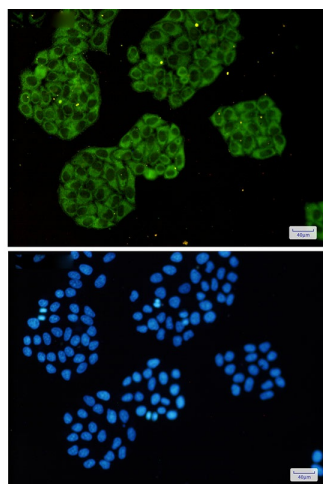
Product images:



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)

