

METRS RABBIT MAB

Cat.#: N262489

Product Name: Anti-MetRS Rabbit Monoclonal Antibody

Synonyms: MRS; ILLD; CMT2U; ILFS2; METRS; MTRNS; SPG70

UNIPROT ID: P56192

Background: 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.

Immunogen: A synthetic peptide of human MARS

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R03-3D4

MW: Calculated MW: 101 kDa; Observed MW: 101 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Rat

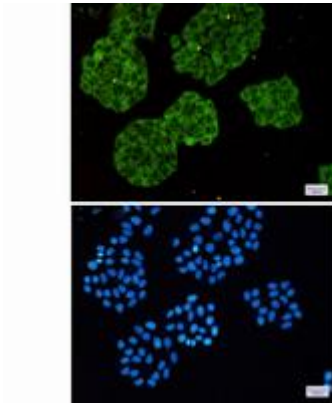
Conjugation: Unconjugated

Modification: Unmodified

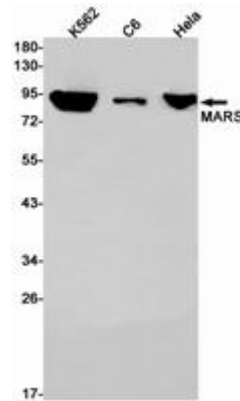
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

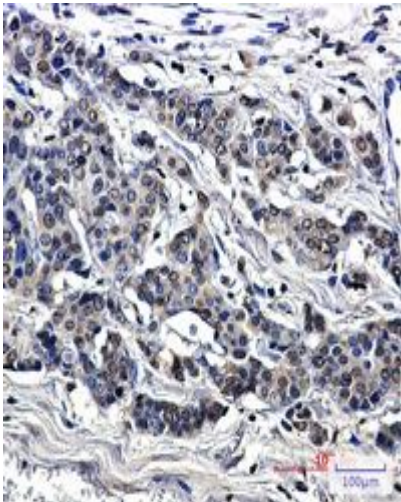
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



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.