

Datasheet for ABIN360197

anti-Mars (MARS) (C-Term) antibody[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	Mars (MARS)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-term region of human MARS.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to MARS.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	Mars (MARS)
Abstract:	MARS Products
Background:	Methionyl-tRNA synthetase belongs to the class I family of tRNA synthetases. It catalyzes the

Target Details

chemical reaction: $\text{ATP} + \text{L-methionine} + \text{tRNA(Met)} = \text{AMP} + \text{diphosphate} + \text{L-methionyl-tRNA(Met)}$. Synonyms: METRS, MTRNS, Methionyl-tRNA synthetase, cytoplasmic, methionine-tRNA synthetase

Gene ID: 4141, 9606

UniProt: [P56192](#)

Application Details

Application Notes: ELISA: 1/1,000. Immunohistochemistry: 1/10 - 1/50.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

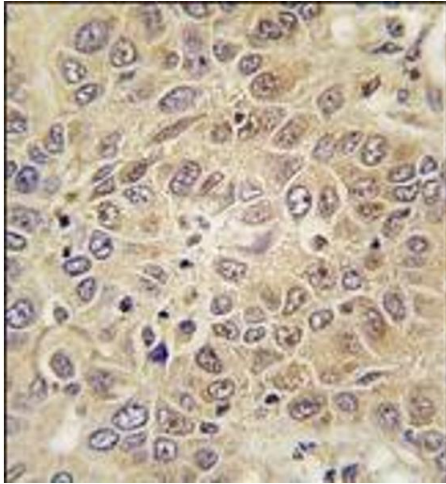


Image 1.