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Datasheet for ABIN6978492

## anti-MARS2 antibody (AA 31-130) (Alexa Fluor 555)

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | MARS2  |
| Binding Specificity: | AA 31-130  |
| Reactivity:          | Rat  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This MARS2 antibody is conjugated to Alexa Fluor 555   |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human MARS2 |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Rat   |
| Predicted Reactivity: | Human,Mouse,Dog,Cow,Horse                                 |
| Purification:         | Purified by Protein A.                                    |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | MARS2                                    |
| Alternative Name: | MARS2 ( <a href="#">MARS2 Products</a> ) |

## Target Details

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Background: Synonyms: mars2, Methionine tRNA ligase 2, Methionine tRNA ligase 2 mitochondrial, Methionine tRNA ligase, Methionine tRNA synthetase 2, Methionine--tRNA ligase, Methionyl tRNA synthetase 2 mitochondrial, Methionyl tRNA synthetase mitochondrial, Methionyl-tRNA synthetase 2, MetRS, mitochondrial, Mitochondrial methionine tRNA ligase, Mitochondrial methionyl tRNA synthetase, Mitochondrial methionyl-tRNA synthetase, MtMetRS, SYMM\_HUMAN  
Background:  $ATP + L\text{-methionine} + tRNA(\text{Met}) = AMP + \text{diphosphate} + L\text{-methionyl-tRNA}(\text{Met})$ .

Gene ID: 92935

UniProt: [Q96GW9](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months