

# Product Datasheet

## Methionyl tRNA synthetase Antibody NBP2-22313

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NBP2-22313****Methionyl tRNA synthetase Antibody**

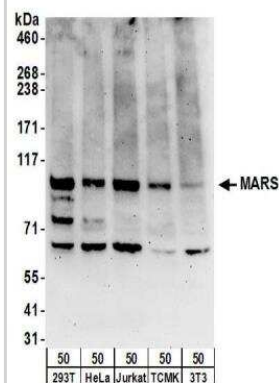
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	4141
<b>Gene Symbol</b>	MARS1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	The immunogen this antibody was made to, maps to a region between residue 650 to 700 of human Methionyl-tRNA Synthetase using the numbering given in entry NP_004981.2 (GenelD 4141).

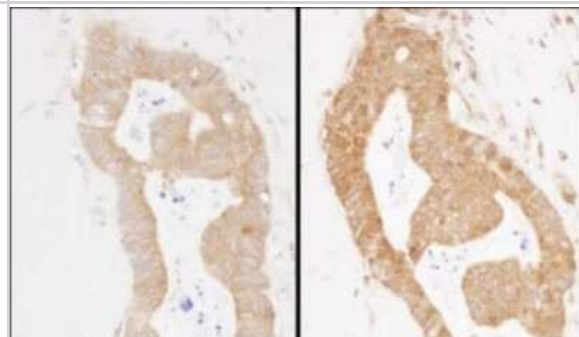
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:5000, Immunohistochemistry 1:500 - 1:2000, Immunoprecipitation 2 - 10 ug/mg, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections

## Images

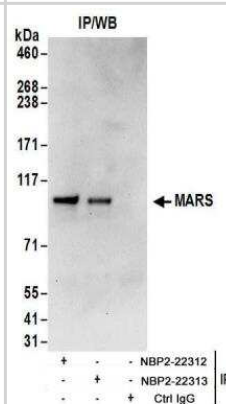
**Western Blot: Methionyl tRNA synthetase Antibody [NBP2-22313]** - Whole cell lysate (50 ug) from 293T, HeLa, Jurkat, mouse TCMK-1, and mouse NIH3T3 cells. NBP2-22313 used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



**Immunohistochemistry: Methionyl tRNA synthetase Antibody [NBP2-22313]** - Samples: FFPE serial sections of human ovarian carcinoma. Antibody: Affinity purified rabbit anti- MARS used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: Hematoxylin (blue).



**Immunoprecipitation: Methionyl tRNA synthetase Antibody [NBP2-22313]** - Whole cell lysate (1 mg for IP; 20% of IP loaded) from 293T cells. NBP2-22313 used for IP at 6 ug/mg lysate. MARS was also immunoprecipitated by rabbit anti-MARS antibody NBP2-22312. For blotting immunoprecipitated MARS, NBP2-22313 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.





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### **Products Related to NBP2-22313**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-87730PEP	Methionyl tRNA synthetase Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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