

Product Datasheet

MTAP Antibody (MTAP/3137R) [DyLight 488] NBP3-08965G

Unit Size: 100 ul

Store at 4C in the dark.

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NBP3-08965G

MTAP Antibody (MTAP/3137R) [DyLight 488]

| Product Information | |
|---------------------|---|
| Unit Size | 100 ul |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | MTAP/3137R |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Conjugate | DyLight 488 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|--|
| Host | Rabbit |
| Gene ID | 4507 |
| Gene Symbol | MTAP |
| Species | Human |
| Marker | Tumor Suppressor Marker |
| Specificity/Sensitivity | Recognizes a protein of 31kDa, which is identified as MTAP (5'-deoxy-5'-methylthioadenosine phosphorylase). It catalyzes the reversible phosphorolysis of methylthioadenosine, which is important in polyamine metabolism and for the salvage of adenine and methionine. The gene encoding MTAP is linked to the tumor suppressor gene, p16INK4A. Deficient levels of MTAP can occur in cancers primarily through co-deletion of the MTAP gene and the p16INK4A gene. Cells expressing MTAP and possessing adenine salvage pathway activity may be less susceptible to malignancy due to growth-inhibitory actions of agents (e.g. antifolates), whose mechanism of action, in part, involves this de novo purine pathway. |
| Immunogen | Recombinant human MTAP protein fragment (aa97-196) (exact sequence is proprietary) (Uniprot: Q13126) |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, ELISA, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot, ELISA, Immunohistochemistry-Paraffin |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-08965G

| | |
|----------------|--|
| NBP2-24891G | Rabbit IgG Isotype Control [DyLight 488] |
| NBP2-56796PEP | MTAP Recombinant Protein Antigen |
| 8499-IF-010/CF | IFN-beta [Unconjugated] |
| 10379-MT-050 | MTAP [Unconjugated] |

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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