

Product Datasheet

MTAP Antibody (MTAP/1813) [mFluor Violet 500 SE] NBP2-75731MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-75731MFV500

MTAP Antibody (MTAP/1813) [mFluor Violet 500 SE]

| Product Information | |
|---------------------|---|
| Unit Size | 0.1 ml |
| 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/1813 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2b Kappa |
| Conjugate | mFluor Violet 500 SE |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|--|
| Host | Mouse |
| 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 | mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |

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





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Products Related to NBP2-75731MFV500

| | |
|------------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| NBP1-43317MFV500 | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [mFluor Violet 500 SE] |
| NBP2-56796PEP | MTAP Recombinant Protein Antigen |
| 8499-IF-010 | IFN-beta [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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