

Product Datasheet

MTAP Antibody (MTAP/3137R)

NBP3-07220-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-07220-100ug

MTAP Antibody (MTAP/3137R)

| Product Information | |
|-------------------------|--------------------------|
| Unit Size | 100 ug |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | MTAP/3137R |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS with 0.05% BSA |
| Target Molecular Weight | 31 kDa |

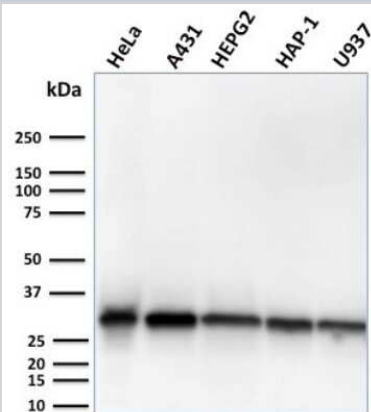
| Product Description | |
|-------------------------|--|
| Description | 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08965) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| 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) |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, ELISA, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1-2 ug/ml, ELISA 2-4 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml |
| Application Notes | ELISA: Use Ab at 2-4ug/ml for coating. Order Ab without BSA. Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. |



Images

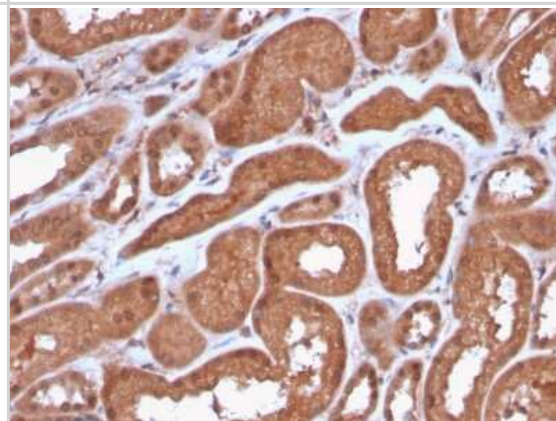
Western Blot: MTAP Antibody (MTAP/3137R) [NBP3-07220] - Western Blot Analysis of human HeLa, A431, HepG2, HAP1, U937 cell lysates using MTAP Recombinant Rabbit Monoclonal Antibody (MTAP/3137R).



Immunohistochemistry-Paraffin: MTAP Antibody (MTAP/3137R) [NBP3-07220] - Formalin-fixed, paraffin-embedded human Kidney stained with MTAP Recombinant Rabbit Monoclonal Antibody (MTAP/3137R).



Immunohistochemistry-Paraffin: MTAP Antibody (MTAP/3137R) [NBP3-07220] - Formalin-fixed, paraffin-embedded human Kidney stained with MTAP Recombinant Rabbit Monoclonal Antibody (MTAP/3137R).





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Products Related to NBP3-07220-100ug

| | |
|---------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NBP2-56796PEP | MTAP Recombinant Protein Antigen |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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