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MTAP Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant MTAP.
Catalog # AT2924a

Specification

MTAP Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB, E**
Primary Accession	Q13126
Other Accession	BC018625
Reactivity	**Human, Mouse, Rat**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**31236**

MTAP Antibody (monoclonal) (M01) - Additional Information

Gene ID 4507

Other Names
S-methyl-5'-thioadenosine phosphorylase {ECO:0000255|HAMAP-Rule:MF_03155}, 24228 {ECO:0000255|HAMAP-Rule:MF_03155}, 5'-methylthioadenosine phosphorylase {ECO:0000255|HAMAP-Rule:MF_03155}, MTA phosphorylase {ECO:0000255|HAMAP-Rule:MF_03155}, MTAP {ECO:0000255|HAMAP-Rule:MF_03155}, MTAPase {ECO:0000255|HAMAP-Rule:MF_03155}, MTAP {ECO:0000255|HAMAP-Rule:MF_03155}, MSAP

Target/Specificity
MTAP (AAH18625, 1 a.a. ~ 154 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
MTAP Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

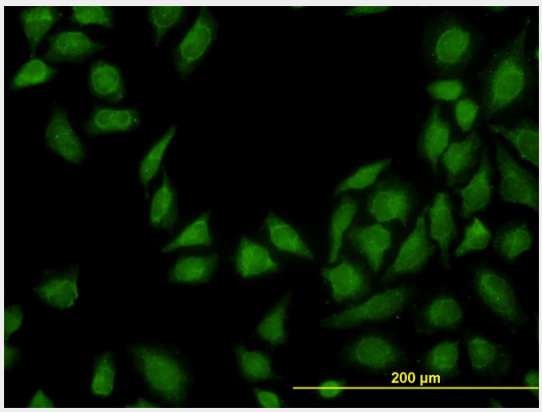
MTAP Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

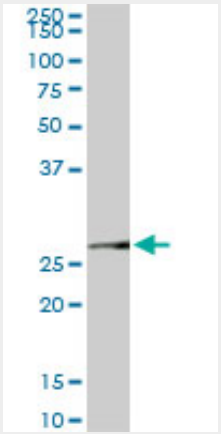
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- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MTAP Antibody (monoclonal) (M01) - Images

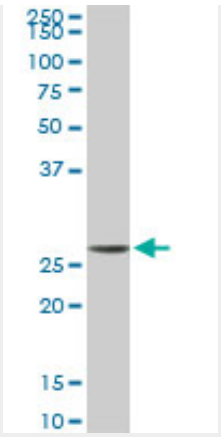


Immunofluorescence of monoclonal antibody to MTAP on HeLa cell. [antibody concentration 10 ug/ml]

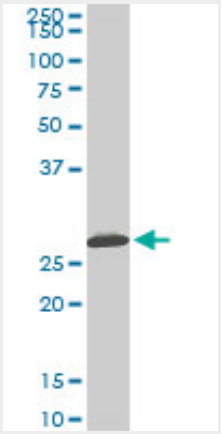


MTAP monoclonal antibody (M01), clone 2G4. Western Blot analysis of MTAP expression in PC-12 ((Cat # AT2924a)

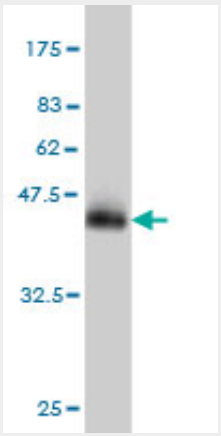
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MTAP monoclonal antibody (M01), clone 2G4. Western Blot analysis of MTAP expression in Raw 264.7 ((Cat # AT2924a)

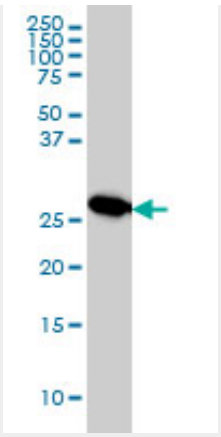


MTAP monoclonal antibody (M01), clone 2G4. Western Blot analysis of MTAP expression in NIH/3T3 ((Cat # AT2924a)

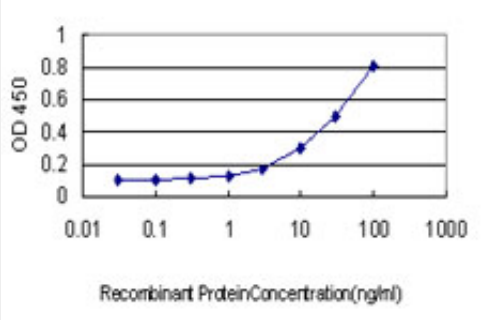


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (42.68 KDa) .

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MTAP monoclonal antibody (M01), clone 2G4 Western Blot analysis of MTAP expression in HeLa ((Cat # AT2924a)



Detection limit for recombinant GST tagged MTAP is approximately 0.3ng/ml as a capture antibody.

MTAP Antibody (monoclonal) (M01) - Background

This gene encodes an enzyme that plays a major role in polyamine metabolism and is important for the salvage of both adenine and methionine. The encoded enzyme is deficient in many cancers because this gene and the tumor suppressor p16 gene are co-deleted. Multiple alternatively spliced transcript variants have been described for this gene, but their full-length natures remain unknown.

MTAP Antibody (monoclonal) (M01) - References

1.Integrative genomics identifies molecular alterations that challenge the linear model of melanoma progression.Rose AE, Poliseno L, Wang J, Clark M, Pearlman A, Wang G, Vega Y Saenz de Miera EC, Medicherla R, Christos PJ, Shapiro RL, Pavlick AC, Darvishian F, Zavadil J, Polsky D, Hernando E, Ostrer H, Osman I.Cancer Res. 2011 Feb 22. [Epub ahead of print]