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MTAP Antibody (monoclonal) (M01)

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

Product Information

Application	WB, IF, E
Primary Accession	Q13126
Other Accession	BC018625
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2G4
Calculated MW	31236

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 IF~~1:50~200 E~~N/A
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.

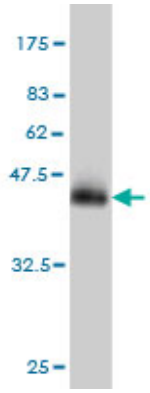
Background

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.

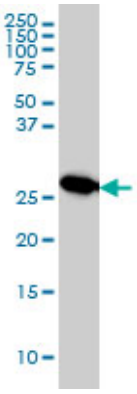
References

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]

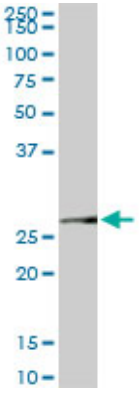
Images



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

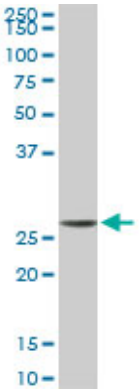


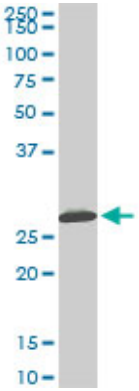
MTAP monoclonal antibody (M01), clone 2G4 Western Blot analysis of MTAP expression in HeLa ((Cat # AT2924a)



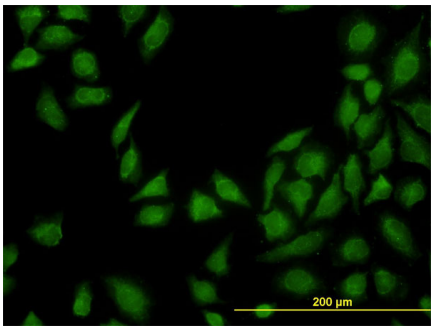
MTAP monoclonal antibody (M01), clone 2G4. Western Blot analysis of MTAP expression in PC-12 ((Cat # AT2924a)

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

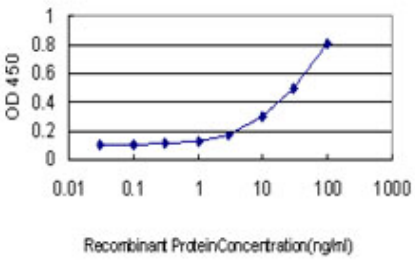




MTAP monoclonal antibody (M01), clone 2G4. Western Blot analysis of MTAP expression in NIH/3T3 ((Cat # AT2924a)



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.