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Datasheet

MTAP monoclonal antibody (M01), clone 2G4

Catalog Number: H00004507-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant MTAP.

Clone Name: 2G4

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

Sequence:
MASGTTTTAVKIGIIGGTGLDDPEILEGRTEKYVDTPFG
KPSDALILGKIKNVDCILLARHGRQHTIMPSKVNYQANI
WALKEEGCTHVIVTTACGSLREEIQPGDIVIIDQFIDSHV
RRACFPFTFHHDCFQRPPQKPSRSHCVSCATCRTMS

Host: Mouse

Reactivity: Human,Mouse,Rat

Applications: ELISA, IF, S-ELISA, WB-Ce, WB-Re (See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

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

Entrez GeneID: 4507

Gene Symbol: MTAP

Gene Alias: MSAP, c86fus

Gene Summary: 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. [provided by RefSeq]

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]