

Anti-AML1-MTG8 (acute myelogenous leukemia 1 translocation 1 protein isoform MTG8c) Polyclonal Antibody

Cat. #: 60B390

Description:

AML1-MTG8(acute myelogenous leukemia 1 translocation 1 protein isoform MTG8c) is a putative zinc finger transcription factor and oncoprotein. In acute myeloid leukemia, especially in the M2 subtype, the t(8;21)(q22;q22) translocation is one of the most frequent karyotypic abnormalities. The translocation produces a chimeric gene made up of the 5'-region of the RUNX1 gene fused to the 3'-region of this gene. The chimeric protein is thought to associate with the nuclear corepressor/histone deacetylase complex to block hematopoietic differentiation. Several transcript variants encoding multiple isoforms have been found for this gene.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human AML1-MTG8(acute myelogenous leukemia 1 translocation 1 protein isoform MTG8c)

References

Liu,S., et al, Cancer Res. 65 (4), 1277-1284 (2005)
Lindberg,S.R., et al, Exp. Hematol. 33 (2), 189-198 (2005)
Lausen,J., et al, J. Biol. Chem. 279 (47), 49281-49288 (2004)
Zhang,J., et al, Science 305 (5688), 1286-1289 (2004)
Martinez,N., et al, (er) BMC Cancer 4 (1), 44 (2004)
Chevallier,N., et al, Blood 103 (4), 1454-1463 (2004)
Lindberg,S.R., et al, Eur. J. Haematol. 71 (6), 439-447 (2003)
McGhee,L., et al, J. Cell. Biochem. 89 (5), 1005-1018 (2003)
Follows,G.A.,et al, EMBO J. 22 (11), 2798-2809 (2003)
Tonks,A., et al, Blood 101 (2), 624-632 (2003)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)