Datasheet for ABIN545691

# anti-MLLT10 antibody (C-Term)

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## Overview

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|---|---|
| Quantity: | 400 µL |
| Target: | MLLT10 |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MLLT10 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

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|---|---|
| Purpose: | Rabbit polyclonal antibody raised against synthetic peptide of MLLT10. |
| Immunogen: | A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human MLLT10. |
| Cross-Reactivity: | Human |

## Target Details

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|---|---|
| Target: | MLLT10 |
| Alternative Name: | MLLT10 / AF10 (MLLT10 Products) |
| Gene ID: | 8028 |

## Application Details

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|---|---|
| Application Notes: | ELISA (1:1000)<br>Western Blot (1:100-500)<br>Immunohistochemistry (1:10-50)<br>The optimal working dilution should be determined by the end user. |
| Restrictions: | For Research Use only |

## Handling

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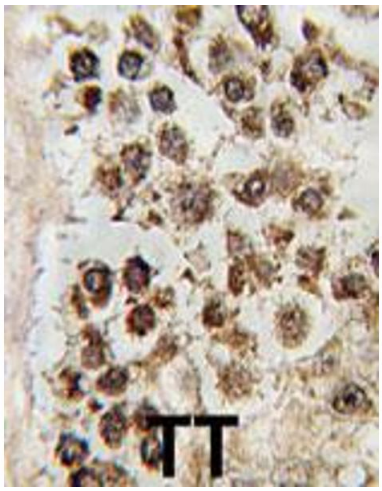
|---|---|
| Format: | Liquid |
| Buffer: | In PBS (0.09 % sodium azide) |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |

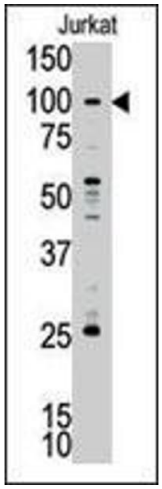
## Publications

| | |
|---|---|
| Product cited in: | Nakamura, Mori, Tada, Krajewski, Rozovskaia, Wassell, Dubois, Mazo, Croce, Canaani: "ALL-1 is a histone methyltransferase that assembles a supercomplex of proteins involved in transcriptional regulation." in: **Molecular cell**, Vol. 10, Issue 5, pp. 1119-28, (2002) (PubMed).<br><br>Perrin, Bloyer, Ferraz, Agrawal, Sinha, Dura: "The leucine zipper motif of the Drosophila AF10 homologue can inhibit PRE-mediated repression: implications for leukemogenic activity of human MLL-AF10 fusions." in: **Molecular and cellular biology**, Vol. 23, Issue 1, pp. 119-30, ( 2002) (PubMed).<br><br>Roll, Zattara-Cannoni, Bustos-Bernard, Curtillet, Michel, Vagner-Capodano: "Molecular and fluorescence in situ hybridization analysis of a 10;11 rearrangement in a case of infant acute monocytic leukemia." in: **Cancer genetics and cytogenetics**, Vol. 135, Issue 2, pp. 187-91, (2002 ) (PubMed). |




## Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin-embedded human testis tissue reacted with MLLT10 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated.




## Western Blotting

**Image 2.** Western blot analysis of MLLT10 polyclonal antibody in Jurkat cell lysate. MLLT10 (arrow) was detected using the purified polyclonal antibody.