

Datasheet for ABIN356674
anti-MLL/KMT2A antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	MLL/KMT2A (MLL)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MLL/KMT2A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human HRX.
Isotype:	Ig Fraction
Specificity:	This antibody is specific to HRX (C-term).
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	MLL/KMT2A (MLL)
Alternative Name:	MLL / HRX (MLL Products)

Target Details

Background:	The gene variously symbolized ALL1, HRX, or MLL located on 11q23 has been demonstrated to be fused with a number of translocation partners in cases of leukemia. Tse et al. (1995) characterized 2 t(1,11)(q21,q23) translocations that fused the MLL gene to a gene on chromosomal band 1q21, AF1Q, in 2 infants with acute myelomonocytic leukemia. In one of these patients, the derivative chromosome 11 represented an in-frame fusion of the N-terminal portion of the MLL gene to the complete AF1Q open reading frame, whereas the derivative chromosome 1 did not give rise to an open reading frame. This observation suggested that the N-terminal portion of the MLL gene is critical for leukemogenesis in translocations involving band 11q23.Synonyms: ALL-1, ALL1, CXXC-type zinc finger protein 7, CXXC7, HTRX, Histone-lysine N-methyltransferase HRX, KMT2A, Lysine N-methyltransferase 2A, TRX1, Trithorax-like protein, Zinc finger protein HRX
Gene ID:	4297, 5874
UniProt:	Q03164
Pathways:	Warburg Effect

Application Details

Application Notes:	ELISA: 1/1,000. Western blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

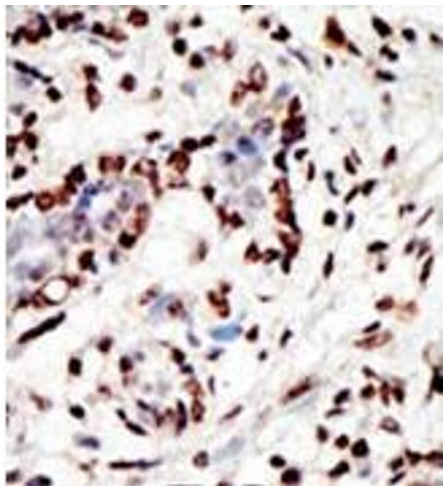


Image 1.

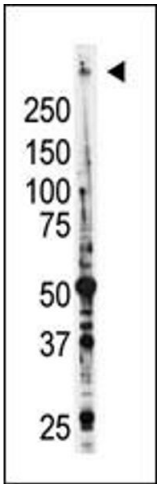


Image 2.