

Datasheet for ABIN930987

anti-ASXL1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	ASXL1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ASXL1 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	ASXL1 antibody was raised in mouse using recombinant Human Additional Sex Combs Like 1 (Drosophila) (Asxl1)
Clone:	2049C2a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	ASXL1
Alternative Name:	ASXL1 (ASXL1 Products)

Target Details

Background: This gene is similar to the Drosophila additional sex combs gene, which encodes a chromatin-binding protein required for normal determination of segment identity in the developing embryo. The protein is a member of the Polycomb group of proteins, which are necessary for the maintenance of stable repression of homeotic and other loci. The protein is thought to disrupt chromatin in localized areas, enhancing transcription of certain genes while repressing the transcription of other genes. The protein encoded by this gene functions as a ligand-dependent co-activator for retinoic acid receptor in cooperation with nuclear receptor coactivator 1. Mutations in this gene are associated with myelodysplastic syndromes and chronic myelomonocytic leukemia. Alternative splicing results in multiple transcript variants. Synonyms: Monoclonal ASXL1 antibody, Anti-ASXL1 antibody, Additional sex combs like 1 antibody, KIAA0978 antibody, MGC71111 antibody, MGC117280 antibody.

Pathways: [Retinoic Acid Receptor Signaling Pathway](#)

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: ASXL1 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂ PO₄, 140 mM NaCl, 8.0 mM Na₂ HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

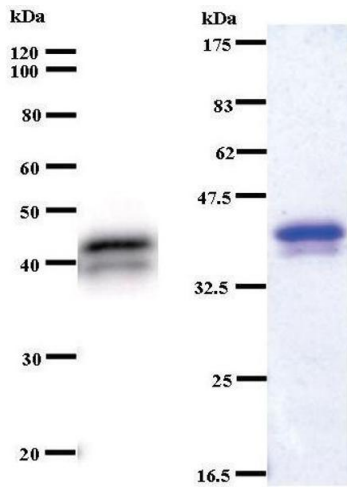
Preservative: Sodium azide

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 freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1. Left: ASXL1 staining. Right: Coomassie Blue staining of immunized recombinant protein.