

For Research Use Only

ASXL1 Recombinant antibody, PBS Only

Catalog Number: 84630-1-PBS



Basic Information

Catalog Number: 84630-1-PBS	GenBank Accession Number: BC064984	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 171023	CloneNo.: 241563A5
Source: Rabbit	UNIPROT ID: Q8IXJ9	
Isotype: IgG	Full Name: additional sex combs like 1 (Drosophila)	
Immunogen Catalog Number: AG10290	Calculated MW: 84aa,10 kDa; 1541aa,165 kDa	
	Observed MW: 200-220 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

Additional sex combs-like 1 (ASXL1) is a member of the ASXL family, which is involved in epigenetic regulation. It is one of the mammalian Asx homologs. Mutations in the ASXL1 gene are frequently found in myeloid neoplasms, breast cancers, and prostate cancers (PMID: 30013160; PMID: 22436456; PMID: 26470845). In patients with myeloid malignancies, ASXL1 mutations are mostly heterozygous frameshift or nonsense mutations that result in C-terminal truncation (PMID: 30982744; PMID: 26095772; PMID: 32683582; PMID: 29643185).

Storage

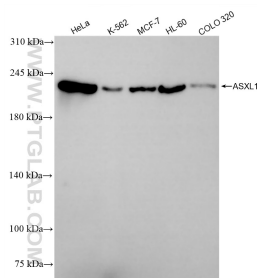
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

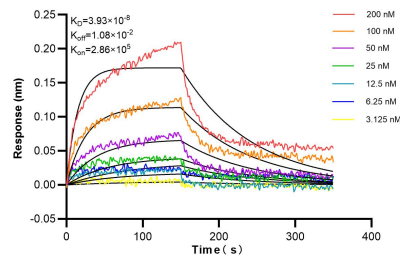
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84630-1-RR (ASXL1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84630-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84630-1-RR against Human ASXL1 were performed. The affinity constant is 39.3 nM.