

For Research Use Only

SETD7 Monoclonal antibody, PBS Only



Catalog Number: 68569-1-PBS

Basic Information

Catalog Number: 68569-1-PBS	GenBank Accession Number: BC121055	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 80854	CloneNo.: 1C1A9
Source: Mouse	UNIPROT ID: Q8WTS6	
IsoType: IgG1	Full Name: SET domain containing (lysine methyltransferase) 7	
Immunogen Catalog Number: AG33803	Calculated MW: 366 aa, 41 kDa	
	Observed MW: 48-50 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, mouse, rat

Background Information

SET domain containing lysine methyltransferase 7 (SETD7, also called SET7/9) was the first lysine methyltransferase (KMT) discovered to specifically monomethylate lysine-4 of histone 3 (H3K4me1) (PMID: 26435321). SETD7 has been shown to have a very broad target specificity in vitro, including transcriptional regulators such as TAF10, p53, ER, p65, STAT3, Rb, Mypt, Tat, and Foxo3 (PMID: 25136132, 30013796).

Storage

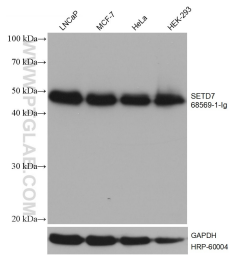
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

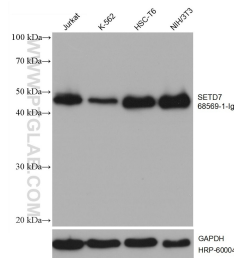
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68569-1-Ig (SETD7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68569-1-PBS in a different storage buffer formulation.



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