SETD7 Monoclonal antibody, PBS Only

www.ptglab.com

Antibodies | ELISA kits | Proteins

Catalog Number:68569-1-PBS

Basic Information

Catalog Number:
68569-1-PBS

Size:
1 mg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG33803

GenBank Accession Number:
BC121055

GeneID (NCBI):
80854

UNIPROT ID:
Q8WTS6

Full Name:
SET domain containing (lysine methyltransferase) 7

Calculated MW:
366 aa, 41 kDa

Observed MW:
48-50 kDa

Purification Method:
Protein G purification

CloneNo.:
1C1A9

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).
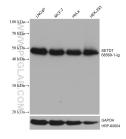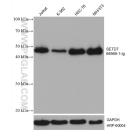
Storage

Storage:
Store at -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS Only

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.

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.