

For Research Use Only

SMYD4 Monoclonal antibody, PBS Only



Catalog Number: 66874-1-PBS

Basic Information

Catalog Number: 66874-1-PBS	GenBank Accession Number: BC035077	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 114826	CloneNo.: 2F4B7
Source: Mouse	UNIPROT ID: Q8IYR2	
Isotype: IgG1	Full Name: SET and MYND domain containing 4	
Immunogen Catalog Number: AG11552	Calculated MW: 804 aa, 89 kDa	
	Observed MW: 85-89 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human

Background Information

SMYD4, also named as SET and MYND domain-containing protein 4, is a 804 amino acid protein, which contains 1 MYND-type zinc finger and 1 SET domain. SMYD4 belongs to the class V-like SAM-binding methyltransferase superfamily. SMYD4, as a potential tumor suppressor, plays a critical role in breast carcinogenesis at least partly through inhibiting the expression of Pdgfr-alpha, and could be a novel target for improving treatment of breast cancer. SMYD4 is a muscle-specific transcriptional modulator involved in development.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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



MCF-7 cells were subjected to SDS PAGE followed by western blot with 66874-1-Ig (SMYD4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66874-1-PBS in a different storage buffer formulation.