

For Research Use Only

SGF29 Monoclonal antibody, PBS Only



Catalog Number: 68339-1-PBS

Basic Information

Catalog Number: 68339-1-PBS	GenBank Accession Number: BC011981	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 112869	CloneNo.: 1G1B4
Source: Mouse	UNIPROT ID: Q96ES7	
Isotype: IgG1	Full Name: coiled-coil domain containing 101	
Immunogen Catalog Number: AG33219	Calculated MW: 293 aa, 33 kDa	
	Observed MW: 33 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, Mouse, Rat, Pig

Background Information

SAGA-associated factor 29 (SGF29) is a chromatin reader component of some histone acetyltransferase (HAT) SAGA-type complexes. SGF29 specifically recognizes and binds methylated 'Lys-4' of histone H3 (H3K4me), with a preference for trimethylated form (H3K4me3) (PMID:19103755, PMID:26421618, PMID:21685874, PMID:26578293). Involved in the response to the endoplasmic reticulum (ER) stress by recruiting the SAGA complex to H3K4me, thereby promoting histone H3 acetylation and cell survival (PubMed:23894581). It has a calculated molecular weight of 33 kDa.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

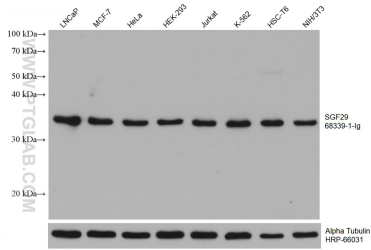
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68339-1-Ig (CCDC101 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 68339-1-PBS in a different storage buffer formulation.