

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: 100ug , Concentration: 1 mg/ml by Nanodrop;	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

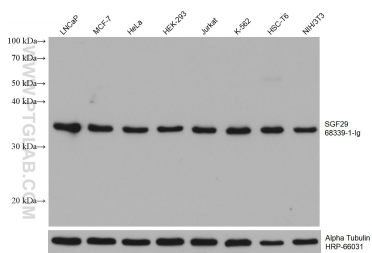
Storage:
Store at -80°C.

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)
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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.