

For Research Use Only

SGF29 Monoclonal antibody

Catalog Number: 68339-1-Ig



Basic Information

Catalog Number: 68339-1-Ig	GenBank Accession Number: BC011981	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 112869	CloneNo.: 1G1B4
Source: Mouse	UNIPROT ID: Q96ES7	Recommended Dilutions: WB 1:5000-1:50000
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, ELISA

Species Specificity:
Human, Mouse, Rat, Pig

Positive Controls:
WB : LNCaP cells, MCF-7 cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, pig liver tissue

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 -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

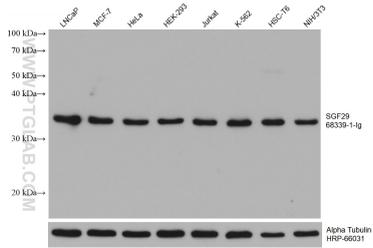
For technical support and original validation data for this product please contact:

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 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.