

For Research Use Only

SMARCA2-Specific Recombinant antibody

Catalog Number: 85018-4-RR



Basic Information

Catalog Number: 85018-4-RR	GenBank Accession Number: NM_003070	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 6595	CloneNo.: 242511E1
Source: Rabbit	UNIPROT ID: P51531	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:250-1:1000
Isotype: IgG	Full Name: SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2	
Immunogen Catalog Number: AG25157	Calculated MW: 181 kDa	
	Observed MW: 210 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HeLa cells, HepG2 cells, U-251 cells, MCF-7 cells, K-562 cells, NIH/3T3 cells
	IF/ICC : HeLa cells,

Background Information

SMARCA2 is a transcriptional coactivator cooperating with nuclear hormone receptors to potentiate transcriptional activation. SMARCA2 is involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene.

Storage

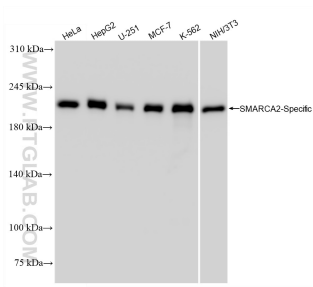
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

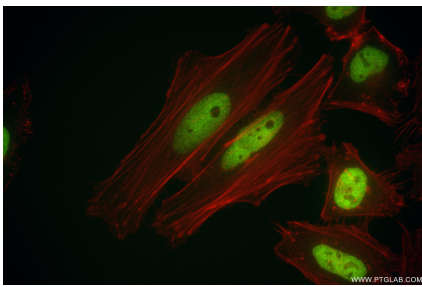
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

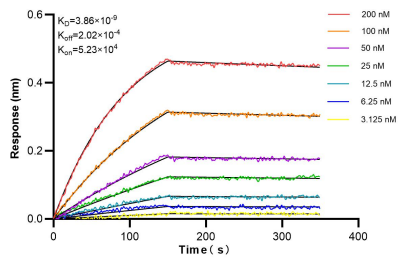
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85018-4-RR (SMARCA2-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using SMARCA2-Specific antibody (85018-4-RR, Clone: 242511E1) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 85018-4-RR against Human SMARCA2-Specific were performed. The affinity constant is 3.86 nM.