

For Research Use Only

SMARCA2-Specific Recombinant antibody, PBS Only

Catalog Number: 85018-4-PBS



Basic Information

Catalog Number:

85018-4-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25157

GenBank Accession Number:

NM_003070

GeneID (NCBI):

6595

UNIPROT ID:

P51531

Full Name:

SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2

Calculated MW:

181 kDa

Observed MW:

210 kDa

Purification Method:

Protein A purification

CloneNo.:

242511E1

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS Only

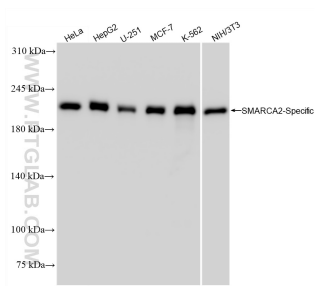
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

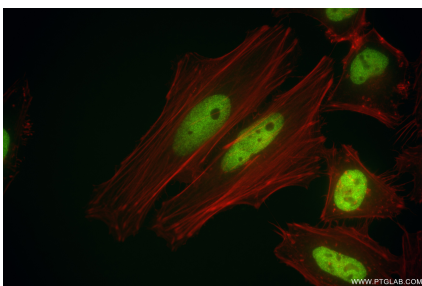
E: proteintech@ptglab.com
W: ptglab.com

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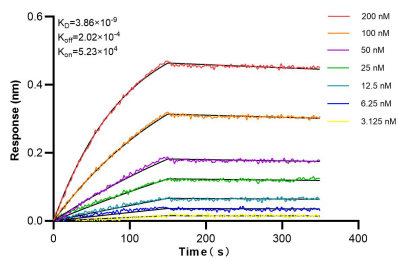
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85018-4-RR (SMARCA2-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85018-4-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 85018-4-PBS in a different storage buffer formulation.



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