

For Research Use Only

RCOR1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86954-1-PBS



Basic Information

Catalog Number: 86954-1-PBS	GenBank Accession Number: NM_015156	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 23186	CloneNo.: 252115G9
Source: Rabbit	UNIPROT ID: Q9UKLO	
Isotype: IgG	Full Name: REST corepressor 1	
Immunogen Catalog Number: AG26770	Calculated MW: 53 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

RCOR1, also named as REST corepressor 1, is a 485 amino acid protein, which belongs to the CoREST family. RCOR1 is an essential component of the BHC complex, a corepressor complex that represses transcription of neuron-specific genes in non-neuronal cells. The BHC complex is recruited at RE1/NRSE sites by REST and acts by deacetylating and demethylating specific sites on histones, thereby acting as a chromatin modifier. The calculated molecular weight of RCOR1 is 53 kDa, but the phosphorylated RCOR1 is about 60-65 kDa.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

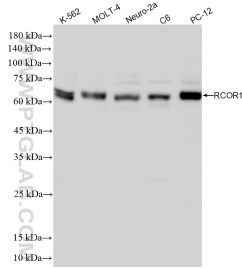
For technical support and original validation data for this product please contact:

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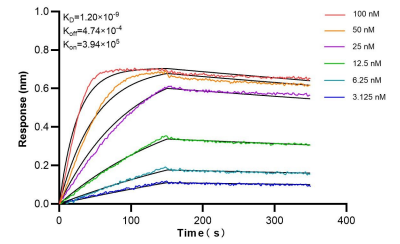
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86954-1-RR (RCOR1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86954-1-PBS in a different storage buffer formulation.

Immunofluorescent analysis of (4% PFA) fixed HeLa cells using RCOR1 antibody (86954-1-RR, Clone: 252115G9) at dilution of 1:1000 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 86954-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86954-1-RR against Human RCOR1 were performed. The affinity constant is 1.20 nM.