

For Research Use Only

MXI1 Recombinant antibody, PBS Only

Catalog Number: 84733-6-PBS



Basic Information

Catalog Number: 84733-6-PBS	GenBank Accession Number: BC012907	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4601	CloneNo.: 242089D5
Source: Rabbit	UNIPROT ID: P50539	
Isotype: IgG	Full Name: MAX interactor 1	
Immunogen Catalog Number: AG3024	Calculated MW: 228 aa, 26 kDa	

Applications

Tested Applications:
IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

MXI1 is a transcription factor containing a basic helix-loop-helix leucine zipper (bHLHzip) and belongs to the Myc-Max-Mad transcriptional network. It is a transcriptional repressor thought to negatively regulate MYC function, and is therefore a potential tumor suppressor. This protein inhibits the transcriptional activity of MYC by competing for MAX, another basic helix-loop-helix protein that binds to MYC and is required for its function. Defects in this gene are frequently found in patients with prostate tumors.

Storage

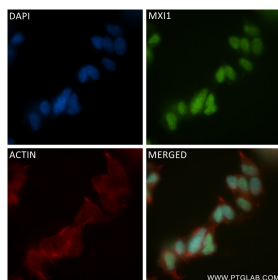
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

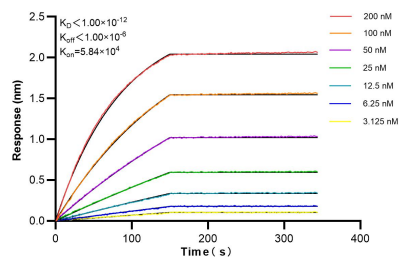
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using MXI1 antibody (84733-6-RR, Clone: 242089D5) at dilution of 1:400 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 84733-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84733-6-RR against Human MXI1 were performed. The affinity constant is below 1 pM.