

For Research Use Only

RYBP Monoclonal antibody, PBS Only

Catalog Number: 68130-1-PBS



Basic Information

Catalog Number: 68130-1-PBS	GenBank Accession Number: BC014959	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 23429	CloneNo.: 2C6G7
Source: Mouse	UNIPROT ID: Q8N488	
Isotype: IgG1	Full Name: RING1 and YY1 binding protein	
Immunogen Catalog Number: AG31715	Calculated MW: 228 aa, 25 kDa	
	Observed MW: 32 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, mouse

Background Information

Polycomb repressive complexes (PRCs) are important chromatin regulators of embryonic stem (ES) cell function [PMID:22269950]. RYBP binds Polycomb H2A monoubiquitin ligases Ring1A and Ring1B and has been suggested to assist PRC localization to their targets. RYBP, firstly identified as a direct interactor with Ring1A, acts as transcriptional repressor in reporter assays, both in tissue culture cells and in the fly [PMID:16125914]

Storage

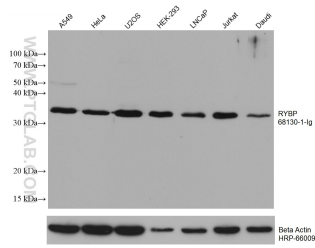
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

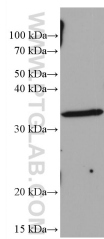
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68130-1-Ig (RYBP antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 68130-1-PBS in a different storage buffer formulation.



RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 68130-1-Ig (RYBP antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68130-1-PBS in a different storage buffer formulation.