

Product Data Sheet

Anti-MYBL2 Antibody

Catalog #	Source	Reactivity	Applications
CPA4745	Rabbit	H, M	WB, IF/IC
Description	Rabbit polyclonal antibody to MYBL2		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MYBL2. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of MYBL2 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)		
Gene Symbol	MYBL2		
Alternative Names	BMYB; Myb-related protein B; B-Myb; Myb-like protein 2		
Entrez Gene	4605 (Human); 17865 (Mouse)		
SwissProt	P10244 (Human); P48972 (Mouse)		
Storage/Stability	Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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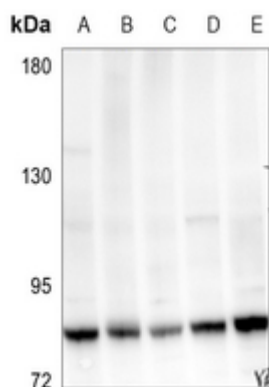
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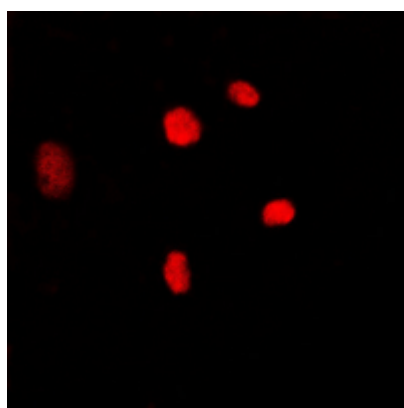
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Western blot analysis of MYBL2 expression in Panc1 (A), MEF (B), SHSY5Y (C), Jurkat (D), K562 (E) whole cell lysates. (Predicted band size: 78 kD; Observed band size: 78 kD)



Immunofluorescent analysis of MYBL2 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 ° C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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