

# B-Myb Recombinant Polyclonal Antibody (5HCLC)

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Expression system	Expi293
Class	Recombinant Polyclonal
Type	Antibody
Clone	5HCLC
Conjugate	Unconjugated
Immunogen	Protein is corresponding to human MYBL2 (aa500-aa700)
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2716904

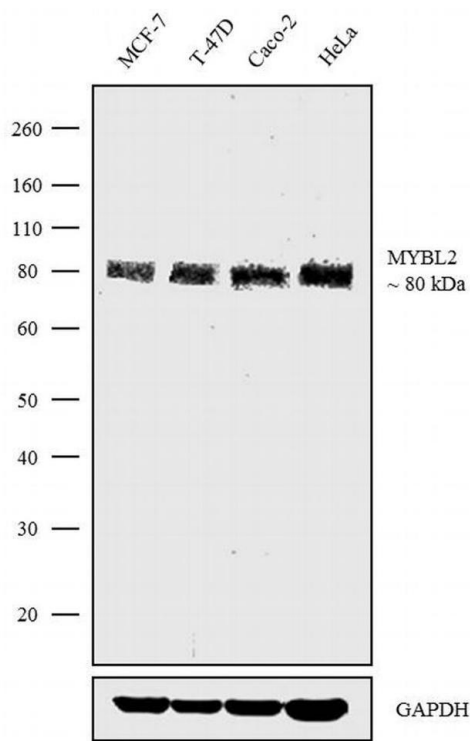
Applications	Tested Dilution	Publications
Western Blot (WB)	2.5 µg/mL	-

## Product Specific Information

This antibody is predicted to react with Monkey, Cat, Horse

Recombinant rabbit polyclonal antibodies are unique offerings from Thermo Fisher Scientific. They are comprised of a selection of multiple different recombinant monoclonal antibodies, providing the best of both worlds - the sensitivity of polyclonal antibodies with the specificity of monoclonal antibodies - all delivered with the consistency only found in a recombinant antibody. While functionally the same as a polyclonal antibody - recognizing multiple epitope sites on the target and producing higher detection sensitivity for low abundance targets - a recombinant rabbit polyclonal antibody has a known mixture of light and heavy chains. The exact population can be produced in every lot, circumventing the biological variability typically associated with polyclonal antibody production.

Product Images For B-Myb Recombinant Polyclonal Antibody (5HCLC)

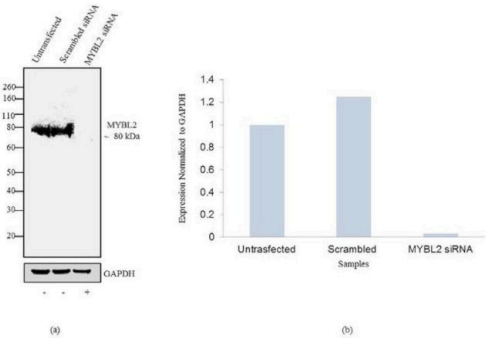


B-Myb Antibody (711708) in WB

Western blot analysis was performed on Modified Whole cell extracts (1% SDS) (30 µg lysate) of MCF-7 (Lane 1), T-47D (Lane 2), Caco-2 (Lane 3) and HeLa (Lane 4). The blots were probed with Anti-MYBL2 Recombinant Rabbit Polyclonal Antibody (Product # 711708, 2.5 µg/mL) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4000 dilution). A 80 kDa band corresponding to MYBL2 was observed across the cell lines tested. Known quantity of protein samples were electrophoresed using Novex®NuPAGE®4-12% Bis-Tris gel (Product # NP0321BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary Antibody following blocking with 5% skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western blotting Substrate (Product # 32106).

B-Myb Antibody (711708)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with MYBL2 siRNA and decrease in signal intensity was observed in Western blot application using MYBL2 Recombinant Rabbit Polyclonal Antibody (Product # 711708). {KD}



B-Myb Antibody (711708) in WB

Knockdown of MYBL2 was achieved by transfecting HeLa cells with MYBL2 specific siRNA (Silencer® select Cat # s9117 and s9118). Western blot analysis (Fig a) was performed using Modified Whole cell extract (1% SDS) from the MYBL2 knock down cells (lane 3), non-specific scrambled siRNA transfected cells (lane 2) and untransfected cells (lane 1). The blots were probed with Anti-MYBL2 Recombinant Rabbit Polyclonal Antibody (Product # 711708, 1-3 µg/mL) and Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.4 µg/mL, 1:2500 dilution). Densitometric analysis of this Western blot is shown in histogram (Fig b). Loss of signal upon siRNA mediated knock down confirms that antibody is specific to MYBL2.

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