Recombinant c-Myc Oncoprotein Antibody

Rabbit Monoclonal Antibody [Clone MYC/7854R]

Catalog No	Format	Size
4609-RBM14-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4609-RBM14-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4609-RBM14-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

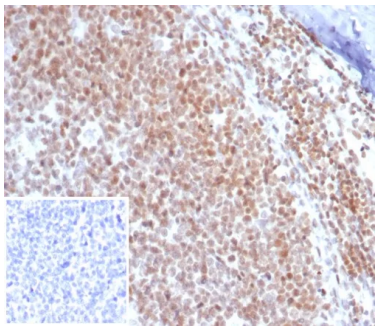
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

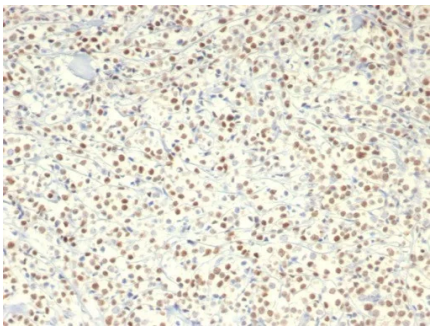
Clone	MYC/7854R
Immunogen	Recombinant fragment (around aa1-20) of the human c-Myc protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	50.56kDa
Cellular Localization	Chromosome, Cytoplasm, Nucleolus, Nucleoplasm, Nucleus
Species Reactivity	Human
Positive Control	HeLa, MCF7 or K-562 cells. Human cervical carcinoma or heart tissue.

**Optimal dilution for a specific application should be determined.*

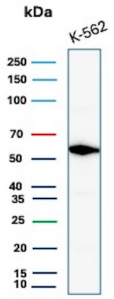
Product Images for Recombinant c-Myc Oncoprotein Antibody



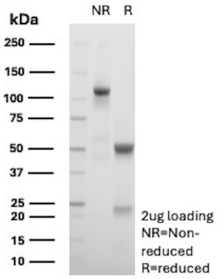
Formalin-fixed, paraffin-embedded human tonsil stained with c-Myc Recombinant Rabbit Monoclonal Antibody (MYC/7854R). Inset: PBS instead of primary antibody; secondary only negative control.



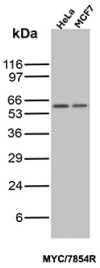
Formalin-fixed, paraffin-embedded human lymphoma stained with c-Myc Recombinant Rabbit Monoclonal Antibody (MYC/7854R). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



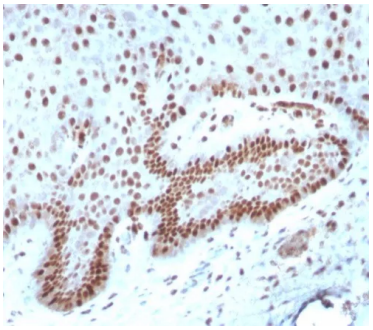
Western blot analysis of K-562 lysate using c-Myc Recombinant Rabbit Monoclonal Antibody (MYC/7854R).



SDS-PAGE Analysis of Purified c-Myc Recombinant Rabbit Monoclonal Antibody (MYC/7854R). Confirmation of Purity and Integrity of Antibody.



Western blot analysis of HeLa and MCF7 cell lysates using c-Myc Recombinant Rabbit Monoclonal Antibody (MYC/7854R).



Formalin-fixed, paraffin-embedded human cervix stained with c-Myc Recombinant Rabbit Monoclonal Antibody (MYC/7854R). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

Specificity & Comments

It recognizes a transcription factor of 64-67kDa, identified as c-myc. Its epitope spans between aa 410-419 (EQKLISEEDL) which is a specific portion of an alpha helical region of human c-myc protein. This MAb shows no cross-reaction with v-myc. c-myc is involved in the control of cell proliferation and differentiation and is amplified and/or overexpressed in a variety of tumors. Over-expression of c-myc protein occurs frequently in luminal cells of prostate intraepithelial neoplasia as well as in most primary carcinomas and metastatic disease.Â ?

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.