

Anti-c-Myc Rabbit pAb



WL01781

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-c-Myc Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:500-1:1000	
	IHC	1:100-1:300	
Cellular localization	Secreted and Cell membrane		
Pack size	50/100/200/500/1000µl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background

The c-Myc encoded by this gene is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor that regulates transcription of specific target genes. Mutations, overexpression, rearrangement and translocation of this gene have been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt lymphoma. There is evidence to show that alternative translation initiations from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site result in the production of two isoforms with distinct N-termini. The synthesis of non-AUG initiated protein is suppressed in Burkitt's lymphomas, suggesting its importance in the normal function of this gene.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of c-Myc.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

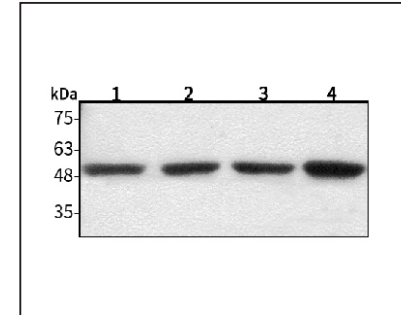
Anti-c-Myc Rabbit pAb



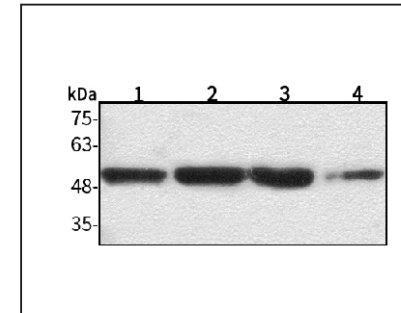
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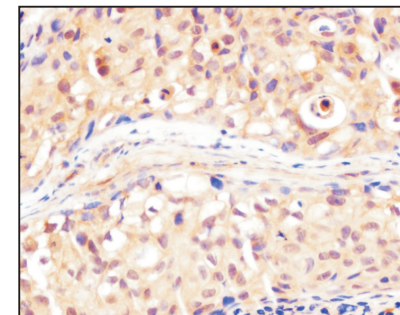
Product Images

**Western blot-Anti-c-Myc pAb**

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-c-Myc at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 49 kDa
 Observed band size: 49 kDa

**Western blot-Anti-c-Myc pAb**

Lane 1: Mouse kidney tissue lysate
 Lane 2: Mouse liver tissue lysate
 Lane 3: Rat heart tissue lysate
 Lane 4: Rat brain tissue lysate
 All lanes: Anti-c-Myc at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 49 kDa
 Observed band size: 49 kDa

**Immunohistochemistry-Anti-c-Myc pAb**

Immunohistochemical analysis of paraffin-embedded human breast cancer using anti-c-Myc Rabbit Antibody at 1:100 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

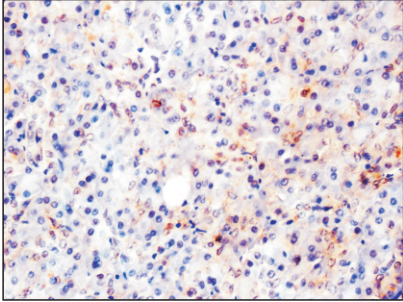


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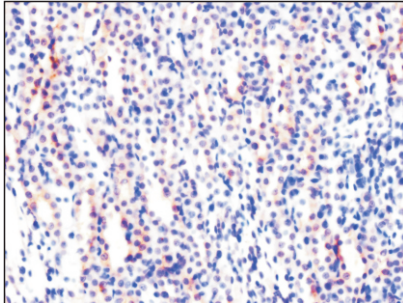
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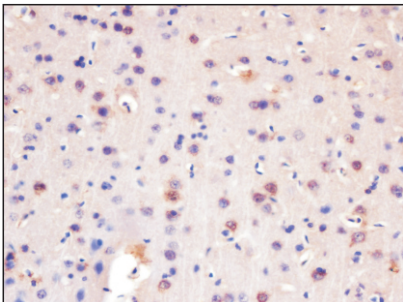
Immunohistochemistry-Anti-c-Myc pAb

Immunohistochemical analysis of paraffin-embedded human pancreatic cancer using anti-c-Myc Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-c-Myc pAb

Immunohistochemical analysis of paraffin-embedded mouse kidney using anti-c-Myc Rabbit Antibody at 1:300 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-c-Myc pAb

Immunohistochemical analysis of paraffin-embedded rat brain using anti-c-Myc Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0