



Myf-5 (phospho Ser49) Polyclonal Antibody

Catalog No	BYab-01316		
lsotype	lgG		
Reactivity	Human;Mouse		
Applications	WB;IHC;IF;ELISA		
Gene Name	MYF5		
Protein Name	Myogenic factor 5		
Immunogen	The antiserum was produced against synthesized peptide derived from human Myogenic Factor 5 around the phosphorylation site of Ser49. AA range:21-70		
Specificity	Phospho-Myf-5 (S49) Polyclonal Antibody detects endogenous levels of Myf-5 protein only when phosphorylated at S49.		
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Source	Polyclonal, Rabbit,IgG		
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000 IF 1:50-200		
Concentration	1 mg/ml		
Purity	≥90%		
Storage Stability	-20°C/1 year		
Synonyms	MYF5; BHLHC2; Myogenic factor 5; Myf-5; Class C basic helix-loop-helix protein 2; bHLHc2		
Observed Band	38kD		
Cell Pathway	Nucleus .		
Tissue Specificity	Skeletal muscle,		
Function	function:Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Efficient DNA binding requires dimerization with another bHLH protein.,		
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protein.,

matters needing attention	Avoid repeated freezing and thawing!	
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.	

Products Images

		Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.
	117 85	Western blot analysis of lysates from HeLa cells, using Myogenic Factor 5 (Phospho-Ser49) Antibody. The lane on the right is blocked with the phospho peptide.
Myogenic factor 5 (pSer49)	48 34	
(pSer49)	26	
	19 (kD)	

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