



Myf-5 (phospho Ser49) Polyclonal Antibody

Catalog No	YP-Ab-01316
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	MYF5
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	Myf-5;MYF5;Myogenic factor 5;BHLHC2;Class C basic helix-loop-helix protein 2
Observed Band	38kD
Calculated Molecular Weight	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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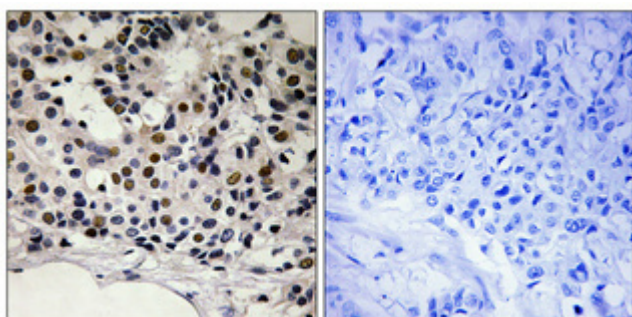
matters needing attention

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. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

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.

