



# Myf-5 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-01885                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                              |
| <b>Reactivity</b>                  | Human;Mouse;Monkey                                                                                                                                                                                                                                                                                               |
| <b>Applications</b>                | WB;IHC;IF;ELISA                                                                                                                                                                                                                                                                                                  |
| <b>Gene Name</b>                   | MYF5                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from human MYF5. AA range:21-70                                                                                                                                                                                                                   |
| <b>Specificity</b>                 | Myf-5 Polyclonal Antibody detects endogenous levels of Myf-5 protein.                                                                                                                                                                                                                                            |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                          |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                           |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                            |
| <b>Dilution</b>                    | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.                                                                                                                                                     |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                             |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>                    | Myf-5;MYF5;Myogenic factor 5;BHLHC2;Class C basic helix-loop-helix protein 2                                                                                                                                                                                                                                     |
| <b>Observed Band</b>               | 28kD                                                                                                                                                                                                                                                                                                             |
| <b>Calculated Molecular Weight</b> | 28kD                                                                                                                                                                                                                                                                                                             |
| <b>Cell Pathway</b>                | Nucleus .                                                                                                                                                                                                                                                                                                        |
| <b>Tissue Specificity</b>          | Skeletal muscle,                                                                                                                                                                                                                                                                                                 |
| <b>Function</b>                    | 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., |
| <b>Background</b>                  | 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., |



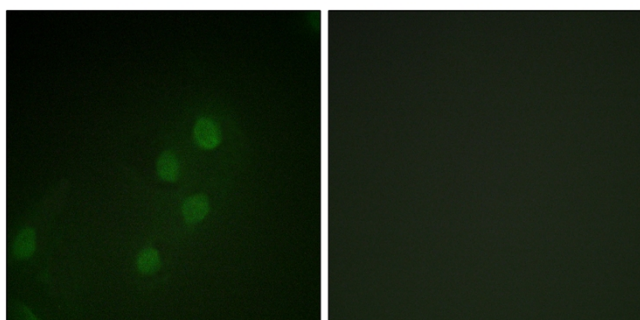
**matters needing attention**

Avoid repeated freezing and thawing!

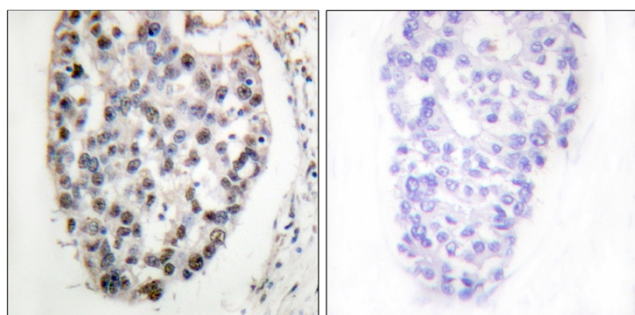
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

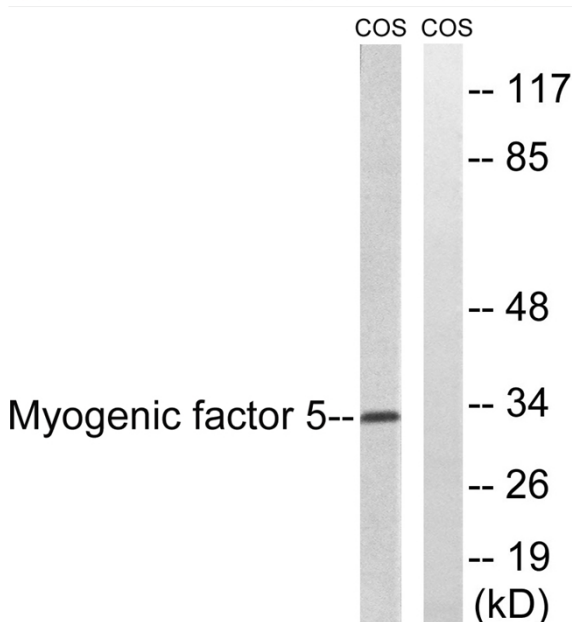
**Products Images**



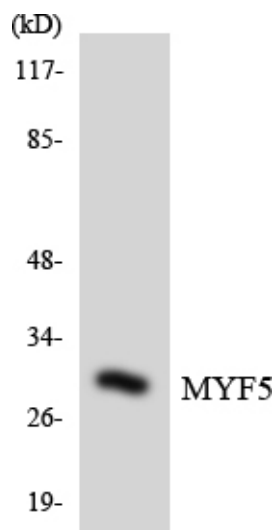
Immunofluorescence analysis of HeLa cells, using MYF5 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MYF5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using MYF5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using MYF5 antibody.