

## Rabbit anti-Human, Mouse Myf-5 Polyclonal Antibody | anti-Myf-5 antibody

Myf-5 Polyclonal Antibody

|                               |                       |                                   |                                     |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA295307</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------|

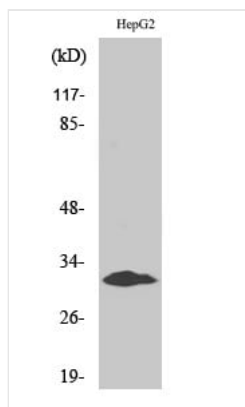
### PRODUCT SYNONYMS

Myf-5; Polyclonal Antibody; Myf-5 Polyclonal Antibody; MYF5; BHLHC2; Myogenic factor 5; Class C basic helix-loop-helix protein 2; bHLHc2; anti-Myf-5 antibody

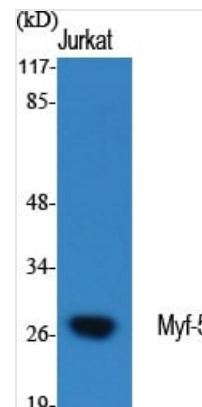
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human, Mouse                                                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-Myf-5 antibody | WB (Western Blot)                                                                                                                                     |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

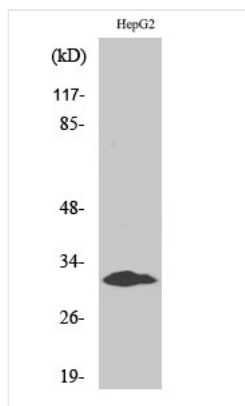
### IMAGES


**WB (Western Blot)**

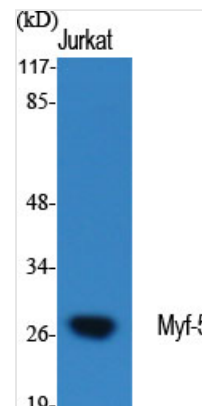
Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Myf-5 antibody | Acts as a transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation. Together with MYOG and MYOD1, co-occupies muscle-specific gene promoter core region during myogenesis. Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein. |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                    |
|----------------------------------|--------------------------------------------------------------------|
| NCBI GI #                        | 156104906                                                          |
| NCBI GeneID                      | 4617                                                               |
| NCBI Accession #                 | NP_005584.2                                                        |
| NCBI GenBank Nucleotide #        | NM_005593.2                                                        |
| UniProt Accession #              | P13349; Q6ISR9                                                     |
| Molecular Weight                 | 28,296 Da                                                          |
| NCBI Official Full Name          | myogenic factor 5                                                  |
| NCBI Official Synonym Full Names | myogenic factor 5                                                  |
| NCBI Official Symbol             | MYF5                                                               |
| NCBI Official Synonym Symbols    | bHLHc2                                                             |
| NCBI Protein Information         | myogenic factor 5; myf-5; class C basic helix-loop-helix protein 2 |
| UniProt Protein Name             | Myogenic factor 5                                                  |
| UniProt Gene Name                | MYF5                                                               |
| UniProt Synonym Gene Names       | BHLHC2; Myf-5; bHLHc2                                              |
| UniProt Entry Name               | MYF5_HUMAN                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.