

# Product datasheet

info@arigobio.com

ARG64513 anti-MYF5 antibody

Package: 100 μg Store at: -20°C

## **Summary**

Product Description Goat Polyclonal antibody recognizes MYF5

Tested Reactivity Hu
Tested Application WB
Host Goat

**Clonality** Polyclonal

Isotype IgG

Target Name MYF5

Species Human

 Immunogen
 PECNSPVWSRKSST

 Conjugation
 Un-conjugated

Alternate Names Class C basic helix-loop-helix protein 2; bHLHc2; Myf-5; Myogenic factor 5

## **Application Instructions**

Application table	Application	Dilution
	WB	0.5 - 1.5 μg/ml

Application Note WB: Recommend incubate at RT for 1h.

\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations

should be determined by the scientist.

## **Properties**

Form Liquid

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide.

Buffer Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA

Preservative 0.02% Sodium azide

Stabilizer 0.5% BSA

Concentration 0.5 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links GeneID: 4617 Human

Swiss-port # P13349 Human

Gene Symbol MYF5

Gene Full Name myogenic factor 5

Function Acts as a transcriptional activator that promotes transcription of muscle-specific target genes and plays

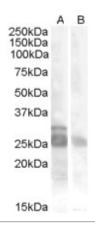
a role in muscle differentiation. Together with MYOG and MYOD1, co-occupies muscle-specific gene promoter core region during myogenesis. Induces fibroblasts to differentiate into myoblasts. Probable

sequence specific DNA-binding protein. [UniProt]

Research Area Developmental Biology antibody; Gene Regulation antibody

Calculated Mw 28 kDa

#### **Images**



#### ARG64513 anti-MYF5 antibody WB image

Western Blot: Muscle lysate (35  $\mu$ g protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. stained with ARG64513 anti-MYF5 antibody at 0.5  $\mu$ g/ml dilution.