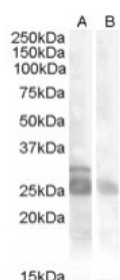




## MYF5 Antibody

CATALOG NUMBER: 45-926



Western Blot (0.5ug/ml) staining of Muscle lysate (35ug protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 28kDa band observed in Human Skeletal Muscle lysates (calculated MW of 28.4kDa according to NP_005584.1). Recommended concentration: 0.5-1.5ug/ml. An additional band of 26kDa was consistently observed, however this band was not bloc
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1375 - Human Skeletal Muscle Tissue Lysate
<b>IMMUNOGEN:</b>	MYF5 antibody was raised against a 14 amino acid synthetic peptide near the internal region of MYF5.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	MYF5 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	MYF5 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	MYF5, myogenic factor 5 , BHLHC2
<b>ACCESSION NO.:</b>	NP_005584.1
<b>PROTEIN GI NO.:</b>	5031929
<b>OFFICIAL SYMBOL:</b>	MYF5

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**GENE ID:** 4617

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**Background**

**REFERENCES:** 1) Kuang S, Kuroda K, Le Grand F, Rudnicki MA. Asymmetric self-renewal and commitment of satellite stem s in muscle. . 2007 Jun 1;129(5):999-1010.

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**FOR RESEARCH USE ONLY**

December 13, 2016