

## Product datasheet

# Anti-MURC antibody ab121644

[2 Abreviews](#) [2 Images](#)

### Overview

<b>Product name</b>	Anti-MURC antibody
<b>Description</b>	Rabbit polyclonal to MURC
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	antigen, corresponding to amino acids 1-90 (MEHNGSASNA DKIHQNRLLSS VTEDEDQDAA LTVTLDKV ASIVDSVQAS QKRIEERHRE MENAIKSVQI DLLKLSQSHS NTGHIINKLF) of Human MURC. <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Human lymph node tissue.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab121644** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

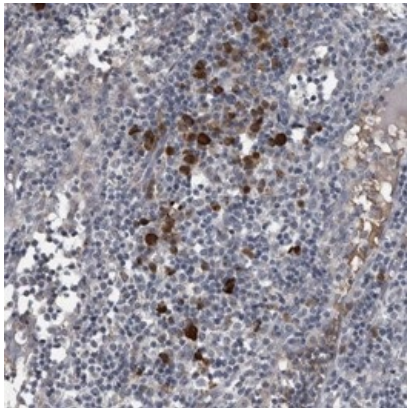
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<b>Function</b>	Induces RHOA activation and activates NPPA transcription and myofibrillar organization through the Rho/ROCK signaling pathway.
<b>Sequence similarities</b>	Belongs to the PTRF/SDPR family.
<b>Cellular localization</b>	Cytoplasm > myofibril > sarcomere. Cytoplasm. In cardiomyocytes, accumulates in the Z-line of the sarcomere. In vascular smooth muscle cells, detected diffusely throughout the cytoplasm.

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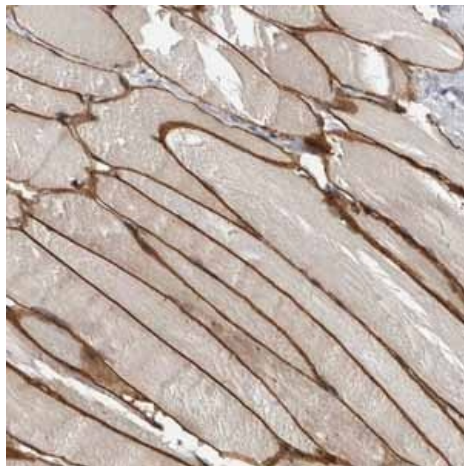
## Anti-MURC antibody images

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ab121644, at 1/60 dilution, staining MURC in paraffin-embedded Human lymph node tissue, by Immunohistochemistry,

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MURC antibody (ab121644)



Immunohistochemical staining of Human skeletal muscle shows distinct membranous positivity using ab121644

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)-Anti-MURC antibody(ab121644)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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