

## Anti-Desmuslin Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human,Mouse,Pig,Cow,Rabbit)
Molecular Weight:	Theoretical: 172 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Paraformaldehyde-fixed, paraffin embedded (Rat skeletal muscle); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Desmuslin) Polyclonal Antibody, Unconjugated (TMAB-05104) at 1:400 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody for 90 minutes, and DAPI for nuclei staining.
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:200-800

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Desmuslin
Antigen Species:	Human
Gene ID:	23336
Uniprot ID:	O15061

## Research Background

The protein encoded by this gene is an intermediate filament (IF) family member. IF proteins are cytoskeletal proteins that confer resistance to mechanical stress and are encoded by a dispersed multigene family. This protein has been found to form a linkage between desmin, which is a subunit of the IF network, and the extracellular matrix, and provides an important structural support in muscle. Two alternatively spliced variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008].

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