

Datasheet for ABIN3030719  
**anti-Desmin antibody (AA 332-359)**



[Go to Product page](#)

3 Images

## Overview

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Quantity:            | 0.4 mL                                                   |
| Target:              | Desmin (DES)                                             |
| Binding Specificity: | AA 332-359                                               |
| Reactivity:          | Human                                                    |
| Host:                | Rabbit                                                   |
| Clonality:           | Polyclonal                                               |
| Conjugate:           | This Desmin antibody is un-conjugated                    |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), ELISA |

## Product Details

|                             |                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------|
| Immunogen:                  | A portion of amino acids 332-359 from the human protein was used as the immunogen for this Desmin antibody. |
| Isotype:                    | Ig Fraction                                                                                                 |
| Cross-Reactivity (Details): | Expected species reactivity: Bovine, Mouse, Pig, Rat                                                        |
| Purification:               | Antigen affinity purified                                                                                   |

## Target Details

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Target:           | Desmin (DES)                                                                              |
| Alternative Name: | Desmin ( <a href="#">DES Products</a> )                                                   |
| Background:       | This gene encodes a muscle-specific class III intermediate filament. Homopolymers of this |

## Target Details

protein form a stable intracytoplasmic filamentous network connecting myofibrils to each other and to the plasma membrane. Mutations in this gene are associated with desmin-related myopathy, a familial cardiac and skeletal myopathy (CSM), and with distal myopathies. [provided by RefSeq].

UniProt: [P17661](#)

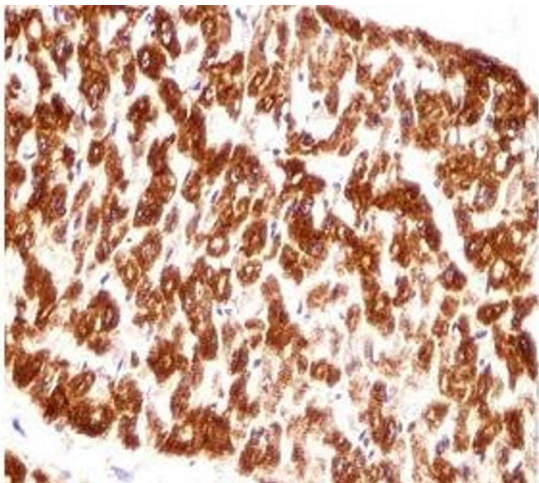
## Application Details

|                    |                                                                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Titration of the Desmin antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50 |
| Restrictions:      | For Research Use only                                                                                                                                                  |

## Handling

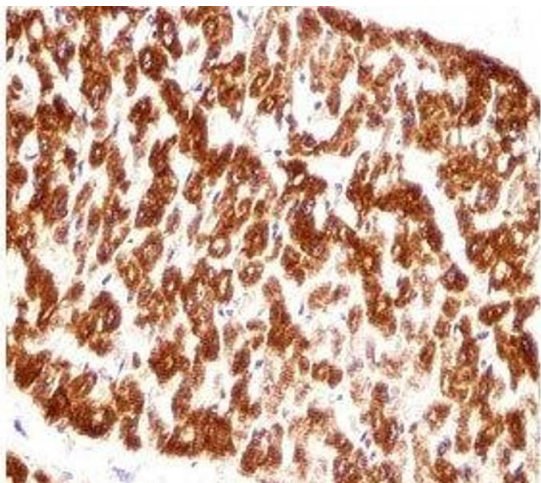
|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Buffer:            | In 1X PBS, pH 7.4, with 0.09 % sodium azide                                                                            |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                                 |
| Storage Comment:   | Aliquot the Desmin antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.                    |

## Images



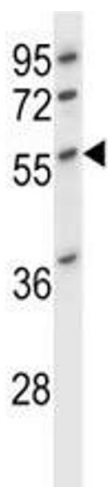
### Immunohistochemistry

**Image 1.** DES / Desmin antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue.



#### Immunohistochemistry

**Image 2.** DES / Desmin antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue.



#### Western Blotting

**Image 3.** Desmin antibody western blot analysis in HL-60 lysate