



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product datasheet PS031

MONOSAN[®]

Polyclonal Rabbit anti-Desmin K5

Clone no. -

MONOSAN

| | |
|---------------------------|--|
| Product name | Polyclonal Rabbit anti-Desmin K5 |
| Host | Rabbit |
| Applications | IHC-fr (1:25-1:100), IHC-P (1:25-1:100), WB (1:100-1:500) |
| Species reactivity | human,bovine, caprine, chicken, hamster, mouse, rat, zebrafish |
| Conjugate | - |
| Immunogen | anti Chicken gizzard muscle desmin |
| Isotype | - |
| Clonality | Polyclonal |
| Clone number | - |
| Size | 250 ul |
| Concentration | n/a |
| Format | - |
| Storage buffer | PBS with 0.09% sodium azide |
| Storage until expiry date | 2-8°C |

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Desmin is a 53 kDa intermediate filament protein and exhibits a high degree of tissue specificity, its expression being predominantly confined to all types of muscle cells (cardiac, skeletal and smooth muscle). Regulation of desmin expression is stage and tissue-specific, since it is induced during terminal development and muscle cell differentiation. In skeletal en cardiac muscle cells desmin is localized in the Z-disk region and at the intercalated disk. The expression pattern of desmin in smooth muscle is much more heterogenous. Coexpression of desmin and vimentin has been observed in tumors derived from muscle tissue, i.e. rhabdomyosarcomas and leiomyosarcomas. Furthermore, during myocard dysfunction dramatic changes in the distribution of desmin have been observed. RCK106 reacts exclusively with Cytokeratin 18 in glandular epithelial cells of the digestive, respiRatory, and urogenital tracts, endocrine and exocrine cells and mesothelial cells, as well as adenocarcinomas originating from them.

References

1. Ramaekers et al. Histochem J 1983;15:691-713
2. Quax et al. Cell 1985;43:327-338
3. Pieper et al. EMBO 1987;6:3611-3618
4. Krimpenfort et al. EMBO J 1988;7:941-947
5. Council et al. Modern Pathol 2009;22:639-650

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