SZABO SCANDIC

Part of Europa Biosite

# Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

## Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

## Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand


**SZABO-SCANDIC HandelsgmbH**

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

# Mouse anti-Actin Alpha-muscle, clone HHF35, Purified (Monoclonal)

Clone no. HHF35

MONOSAN

| | |
|---|---|
| Product name | Mouse anti-Actin Alpha-muscle, clone HHF35, Purified (Monoclonal) |
| Host | Mouse |
| Applications | EM, ELISA, ICC, IHC-fr, IHC-P, WB |
| Species reactivity | human, chicken, monkey, rabbit, rat, swine, zebrafish |
| Conjugate | - |
| Immunogen | SDS-extracted protein fraction from Human myocardium |
| Isotype | IgG1 |
| Clonality | Monoclonal |
| Clone number | HHF35 |
| Size | 50 ul |
| Concentration | 1 mg/ml |
| Format | - |
| Storage buffer | PBS with 0.09% sodium azide |
| Storage until expiry date | 2-8°C |

Mouse anti-Actin Alpha-muscle, clone HHF35, Purified (Monoclonal)

Clone no. HHF35

MONOSAN

## Additional info

Among the six actin isoforms described in mammals, two are found in virtually all cells (β- and γ-cytoplasmic), two are detected in smooth muscle cells (α- and γ-smooth muscle) and two are present in striated muscles, one predominantly in skeletal (α-skeletal) and one in cardiac (α-cardiac) muscle cells. These actin isoforms differ slightly in their N-terminus, but the sequence of each of these actins is highly conserved in higher vertebRates. Alpha- muscle actin is present in striated as well as smooth muscle cells, and in pathological tissues derived therefrom.HHF35 reacts with both α-muscle and γ-smooth muscle actin, and therefore reacts with skeletal muscle, cardiac muscle, vascular and visceral smooth muscle cells, pericytes and myoepithelial cells. It is also reactive in myofibroblasts. It does not react with epithelial, endothelial, neural or normal connective tissue cells when applied under the proper conditions to these tissue sections.

## References


1. Tsukada et al. Am J of Path 1987;126:51-60
2. Tsukada et al. Am J of Path 1987;127:389-402
3. Schmidt et al. Am J of Pathol 1988;131:19-28
4. Babaev et al. Am J of Path 1990; 136:1031-1042
5. Nasimento et al. Transpl Proc 2009; 41:4211-4213


FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES