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

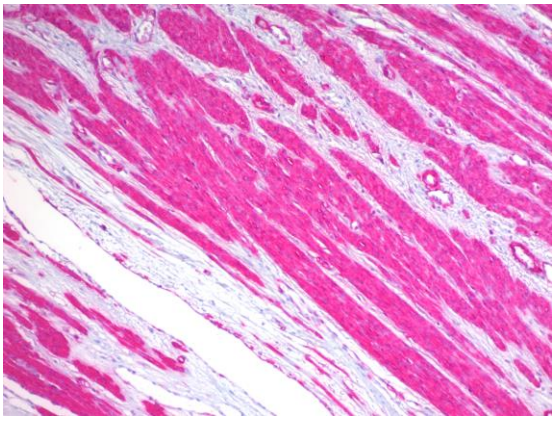
P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - Fax (435) 755-0015 - www.scytek.com

SensiTek Anti-Mouse

Description: Polyclonal secondary antibody conjugated to biotin for 3-step immunohistochemistry protocols. Formulated to provide optimal staining with an incubation for 15-20 minutes. May be used with automated systems, reagent jars, and manual dropping/pipetting.

Target:	Mouse
Species of Origin:	Goat
Antigen Specificity:	Anti-Mouse IgG+IgM (H+L)
Preadsorbed Against:	Human, Bovine, Horse

Uses/Limitations: Not to be taken internally.
For In-Vitro Diagnostic use only.
Histological applications.
Do not use if reagent becomes cloudy.
Do not use past expiration date.
Use caution when handling reagent.
Non-Sterile.



Smooth Muscle Actin demonstrated with Permanent red and SensiTek Anti-Mouse within an IHC protocol.

Control Tissue: Any well-fixed tissue.

Availability/Contents:

Item #	Volume
ABC008	8 ml
ABC015	15 ml
ABC125	125 ml
ABC500	500 ml
ABC999	1000 ml

Storage: Store at 2-8°C. Product is stable for 18 months from date of manufacture.

Procedure:
Allow reagents to come to room temperature before use.

1. Deparaffinize and rehydrate tissue section.
2. If needed, incubate slide in hydrogen peroxide for 10-15 minutes to reduce nonspecific background staining due to endogenous peroxidase.
3. Wash 2 times in buffer.
4. If required, incubate tissue in digestive enzyme.
5. Wash 4 times in buffer.

Storage: 2° C 8° C

ScyTek Laboratories, Inc.
205 South 600 West
Logan, UT 84321
435-755-9848
U.S.A.

CE IVD

EC REP
Emergo Europe
Prinsessegracht 20
2514 AP The Hague, The Netherlands

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6. Place slide in protein block (ScyTek's "Superblock") and incubate 5-10 minutes at room temperature to block nonspecific background staining. Note: Do not exceed 10 minutes or there may be a reduction in desired stain.
7. Wash 1 time in buffer.
8. Apply primary antibody and incubate according to manufacturer's protocol.
9. Wash 4 times in buffer.
10. Place slide in biotinylated anti-mouse, and incubate for 15-20 minutes at room temperature.
11. Wash 4 times in buffer.
12. Place slide in enzyme label, and incubate per instructions
13. Rinse 4 times in buffer.
14. Place slide in appropriate chromogenic substrate and incubate until desired reaction is achieved.
15. Counterstain and coverslip.

Troubleshooting Guide

Overstaining:

1. Concentration of the primary antibody was too high or the incubation time was too long.
2. Temperature during incubation was too high.
3. Incubation time with link antibody or streptavidin/enzyme label was too long.

Nonspecific Background Staining:

1. Rinsing between steps was inadequate.
2. Tissue was allowed to dry with reagents on.
3. Folds in tissue trapped reagents.
4. Tissue contains endogenous enzyme.
5. Tissue contains endogenous biotin.
6. Antigen migrated in tissue.
7. Excessive tissue adhesive on slides.
8. Inadequate blocking with protein block.

Weak Staining:

1. Primary antibody concentration was too low or incubation time was too short.
2. Reagents are past their expiration date.
3. Reagent is reaching the end of its useful life.
4. Counterstain or mounting media were incompatible and dissolved the chromogen reaction product.
5. Room temperature was excessively cool.
6. The primary antibody does not recognize an antigen that survives fixation and embedding in high enough amounts.
7. Excessive incubation with protein block (Super Block or normal serum).

No Staining:

1. Steps were inadvertently left out.
2. There is no relevant antigen in the tissue.
3. The primary antibody is not of mouse origin.
4. Chromogenic substrate does not match enzyme label.
5. One or more components have been inactivated.

Storage: 2° C  8° C


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References:

1. Kawasaki, N., Matsuo, Y., Yoshino, T., Yanai, H., Oka, T., Teramoto, N., … Akagi, T. (1996). Metastatic Potential of Lymphoma/Leukemia Cell Lines in SCID Mice Is Closely Related to Expression of CD44. *Japanese Journal of Cancer Research*, *87*(10), 1070–1077. https://doi.org/10.1111/j.1349-7006.1996.tb03112.x
2. Manabe, M., Mizoguchi, M., Niwa, M., Bertolino, A. P., Ishidoh, K., Kominami, E., & Ogawa, H. (1996). Assembly of Hair Keratins in Transfected Epithelial Cells. *Biochemical and Biophysical Research Communications*, *229*(3), 965–973. https://doi.org/10.1006/bbrc.1996.1909
3. Manabe, M., Yaguchi, H., Butt, K. I., O'guin, W. M., Loomis, C. A., Sung, T.-T., & Ogawa, H. (1996). Trichohyalin Expression in Skin Tumors: Retrieval of Trichohyalin Antigenicity in Tissues by Microwave Irradiation. *International Journal of Dermatology*, *35*(5), 325–329. https://doi.org/10.1111/j.1365-4362.1996.tb03632.x

Storage: 2° C 8° C

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