



# 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

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Instructions For Use  
AMF080-IFU

Rev. Date: Nov. 5, 2021

Revision: 3

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P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - Fax (435) 755-0015 - [www.scytek.com](http://www.scytek.com)UltraTek HRP (Anti-Polyvalent)  
Ready-To-Use (70 slide)


<b>Species of Origin:</b>	Goat
<b>Antigen Specificity:</b>	Anti-Polyvalent (Mouse, Rat, Rabbit and Guinea Pig)
<b>Preadsorbed Against:</b>	Human
<b>Enzyme Conjugate:</b>	Peroxidase
<b>Chromogen Substrate:</b>	Diaminobenzidine (DAB)

**Immunohistochemical Staining Protocol:**

1. Deparaffinize and rehydrate tissue section.
2. To reduce nonspecific background staining due to endogenous peroxidase, incubate slide in hydrogen peroxide for 10-15 minutes.
3. Wash 2 times in buffer.
4. If required, incubate tissue in digestive enzyme.
5. Wash 4 times in buffer.
6. Apply Super Block (blue cap), and incubate for 5 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. Apply UltraTek Anti-Polyvalent (yellow cap), and incubate for 10 minutes at room temperature.
11. Wash 4 times in buffer.
12. Apply UltraTek HRP (red cap), and incubate for 10 minutes at room temperature.
13. Rinse 4 times in buffer.

**WARNING:** DAB is a suspected carcinogen. Handle with care and dispose of according to all regulations.

14. Add 8 drops of DAB chromogen to one 5ml vial of DAB Substrate. Mix well and apply to tissue for 5 minutes.
15. Rinse 1 time in DI Water.

Storage: 2° C  8° C ScyTek Laboratories, Inc.  
205 South 600 West  
Logan, UT 84321  
U.S.A.CE 

EC REP

Emergo Europe  
Prinsessegracht 20  
2514 AP The Hague, The Netherlands

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16. Apply DAB Chromogen/Substrate mixture and incubate for a second 5-minute period.
17. Rinse 3 times DI water.
18. Counterstain and coverslip using a permanent mounting media.

## -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 peroxidase.
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. Inadequate removal of wash water between steps, resulting in dilution of reagents.
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.

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7. Excessive incubation with protein block (Super Block or normal serum).

**No Staining:**


1. Steps were inadvertently left out.
2. There is no antigen in the tissue.
3. The primary antibody is not of mouse, rat, rabbit or guinea pig origin.
4. Chromogenic substrate has been replaced with another that is not intended for use with peroxidase.
5. One or more components of the kit have been inactivated.

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