

Streptavidin HRP (ready-to-use) ab64269

★★★★★ [1 Abreviews](#) [42 References](#) [2 Images](#)

Overview

Product name	Streptavidin HRP (ready-to-use)
Tested applications	Suitable for: IHC-P
General notes	Streptavidin-HRP for use with biotinylated secondary antibodies during IHC / immunohistochemistry. Optimized, ready-to-use format. This product was previously called Streptavidin-Peroxidase.

IHC protocol suitable for use with Streptavidin-HRP ab64269:

1. Deparaffinize and rehydrate formalin-fixed paraffin-embedded tissue section.
2. Use appropriate **antigen retrieval buffer or enzyme** (primary antibody dependent) to treat sections. Wash 3 times in buffer.
3. Add enough **hydrogen peroxide blocking solution** to cover the sections. Incubate for 10 minutes. Wash 2 times in buffer. If necessary, use **avidin biotin blocking**.
4. Apply **protein block** (or **normal serum** from same species as secondary antibody) and incubate for 5 minutes at room temperature to block nonspecific background staining. Wash once in buffer.
5. Apply primary antibody in **antibody diluent** and incubate.
6. Wash 4 times in buffer. Incubate slide with **biotinylated secondary antibody** (or **HRP polymer secondary antibody** and skip step 7). Wash 4 times in buffer.
7. **Apply streptavidin-HRP ab64269 and incubate for 10 minutes at room temperature.**
8. Rinse 4 times in buffer. Place slide in **DAB substrate** or **AEC substrate** and incubate until desired color is achieved. Rinse 4 times in buffer.
9. Add enough drops of **hematoxylin** to cover the section. Incubate for 1 minute.
10. Rinse 7-8 times in tap water. Add **mounting medium** to cover the section.

Find complete IHC kits, and reagents for antigen retrieval, blocking, signal amplification, visualization, counterstaining, and mounting in the [IHC kits and reagents guide](#).

Properties

Form	Liquid
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Storage instructions Store at +4°C.

Storage buffer pH: 7.60
Preservative: 0.2% Proclin 300
Constituent: PBS

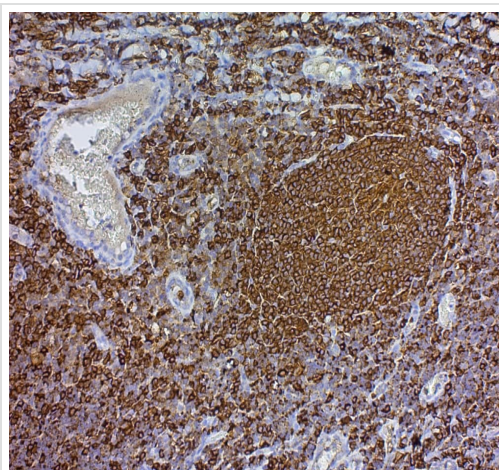
Relevance Streptavidin peroxidase is used in a labeled streptavidin-biotin immunoenzymatic antigen detection system. This technique involves the sequential incubation of the specimen with an unconjugated primary antibody specific to the target antigen, a biotinylated secondary antibody which reacts with the primary antibody, enzyme-labeled streptavidin, and substrate-chromogen.

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab64269 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

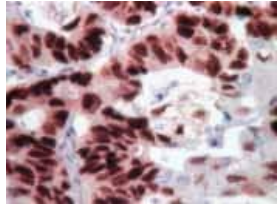
Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration.

Images



ab64269 Straptavidin Peroxidase used along with an anti-CD20 antibody on Human Tonsil

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Streptavidin Peroxidase (Ready to Use) (ab64269)



Human colon carcinoma stained with anti-p53 antibody using Streptavidin Peroxidase (ab64269).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Streptavidin Peroxidase (Ready to Use) (ab64269)

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