

Streptavidin, polyHRP

Catalog #: ICP2568Lot #:080525

Product Description

Recombinant Streptavidin (SAV) was conjugated to horse radish peroxidase polymers (polyHRP). The SAV-polyHRP enhanced the detection signal significantly for WB, ELISA and particularly for IHC.

Formulation

5 mg/mL in 0.025M Tris buffer with 1mg/mL BSA and 50% glycerol (v/v)

Storage & Stability

Product is stable for several weeks at room temperature and one year at 4°C. For extended storage, aliquot content and store product at -20°C.

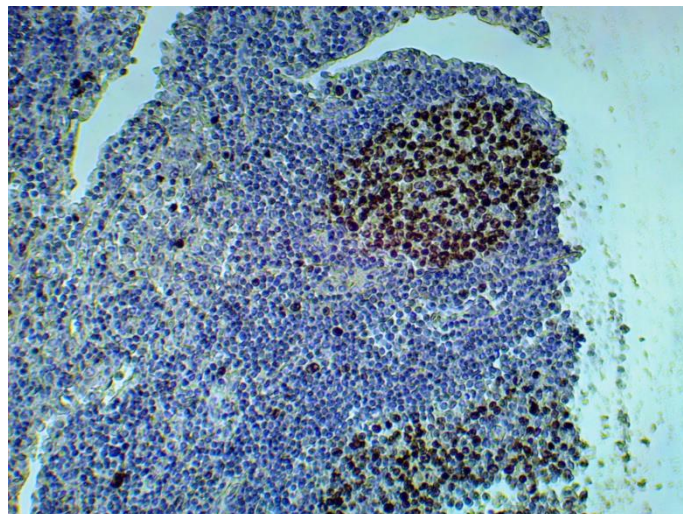
Applications

ELISA 1:25,000

WB 1:25,000,

IHC 1:200

Sample Data



IHC staining of tonsil tissue slide with

1st Ab: Rabbit anti-Ki67, 1:150, 30 min at 37°C

2nd Ab: Goat anti-rabbit IgG, biotin conjugates, 5 ug/mL, 15 min at 37°C

3rd : SAV-polyHRP (ICP2518), 10 ug/mL, 10 min at 37°C

MATERIAL SAFETY DATA SHEET

Article 1 - Product Identification and Use

Product Name: Streptavidin, HRP

Catalog #: ICP2568

This product is sold only for research use by qualified laboratory personnel, and is not to be used as a drug, medical device, food additive, cosmetic, nor household chemical. It is not to be used in diagnostic, therapeutic, consumer, agricultural, nor pesticidal applications.

Manufacturer's Name: ImmuneChem Pharmaceuticals Inc.
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EMERGENCY PHONE: 604-453-0169

Article 2 - Hazardous Ingredients

NOT AVAILABLE. We are not aware of any hazards associated with this product or its ingredients, but the chemical, physical, and toxicological properties of this product have not been investigated thoroughly. Observe normal laboratory precautions.

Article 3 - Physical Data

Transparent liquid.

Article 4 - Fire and Explosion Hazard

NOT APPLICABLE

Article 5 - Reactivity Data

- Chemical Stability: Stable under recommended storage conditions.
 - Conditions to avoid: Light.
 - Materials to Avoid: Strong oxidizing agents.
 - Hazardous Products: Formed under fire conditions – Carbon oxides, Hydrogen bromide gas.
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Article 6 – Toxicologically Data

May be harmful by inhalation, ingestion, or skin absorption. The toxicological properties of this product have not been investigated thoroughly. Exercise due caution.

Article 7 - Preventative Measures

Wear chemical safety goggles and compatible chemical-resistant gloves. Avoid inhalation, contact with eyes, skin or clothing.

*****MULTIPLE COMPONENT SPILL OR LEAK PROCEDURES*****

- Wear protective equipment.
 - Absorb on sand or vermiculite and place in closed containers for disposal.
 - Observe all federal, state and local environmental regulations.
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Article 8 - First Aid Measures

- If swallowed, wash out mouth with water, provided person is conscious. Call a physician.
 - In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If a rash or other irritation develops, call a physician.
 - If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
 - In case of eye contact, flush with copious amounts of water for at least 15 minutes while separating the eyelids with fingers. Call a physician.
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Article 9 - Preparation

Prepared By: Hao Xiao

Phone #: 1-604-431-6425

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. ImmuneChem shall not be held liable for any damage resulting from handling or from contact with the above product. See the Technical Specification, Packing Slip, Invoice, and Product Catalogue for additional terms and conditions of sale.

For in vitro research use only. Not recommended or intended for diagnosis of diseases in humans or animals. Do not use in humans or in animals.

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