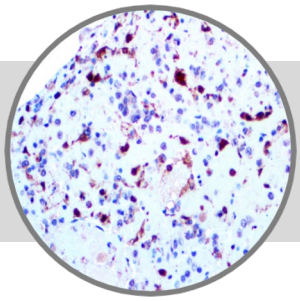
Herpes Simplex Virus I

Clone: Polyclonal

Rabbit Polyclonal



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Inset: IHC of HSV I on a FFPE Infected Tissue

Intended Use

Analyte Specific Reagent.

Analytical and performance characteristics for Herpes Simplex Virus II, rabbit polyclonal antibody, are not established.

Immunogen

Recombinant protein directed against the major glycoproteins present in the viral envelope of HSV I.

Summary and Explanation

Herpes Simplex Virus I usually infects the non-genital mucosal surfaces, and may also affect skin or internal organs such as brain, lung, liver, adrenal gland, or GI tract of immunocompromised individuals.

Antibody Type	Rabbit Polyclonal	**Clone**	Polyclonal
Isotype	IgG	**Reactivity**	Paraffin, Frozen
Localization	Nuclear, Cytoplasmic	**Control**	HSV I Infected Tissue
Species Reactivity		Human	

Precautions

1. For professional users only. Results should be interpreted by a qualified medical professional.
2. This product contains <0.1% sodium azide (NaN3) as a preservative. Ensure proper handling procedures are used with reagent.
3. Always wear personal protective equipment such as laboratory coat, goggles, and gloves when handling reagents.
4. Dispose of unused solution according to local and federal regulations.
5. Do not ingest reagent. If reagent is ingested, seek medical advice immediately.
6. Avoid contact with eyes. If contact occurs, flush with large quantities of water.
7. Follow safety precautions of the heating device used for epitope retrieval (TintoRetriever Pressure Cooker or similar).
8. For additional safety information refer to Safety Data Sheet for this product.
9. For complete recommendations for handling biological specimens please refer to the CDC document, "Guidelines for Safe Work Practices in Human and Animal Medical Diagnostic Laboratories" (see References in this document).

Presentation

Herpes Simplex Virus I is a rabbit polyclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.

Catalog No.	*Antibody Type*	*Dilution*	*Volume/Qty*
BSB 2426	Tinto Prediluted	Ready-to-Use	3.0 mL
BSB 2427	Tinto Prediluted	Ready-to-Use	7.0 mL
BSB 2428	Tinto Prediluted	Ready-to-Use	15.0 mL
BSB 2429	Concentrated	1: 25 - 1: 100	0.1 mL
BSB 2430	Concentrated	1: 25 - 1: 100	0.5 mL
BSB 2431	Concentrated	1: 25 - 1: 100	1.0 mL

Control Slides Available

Catalog No.	*Quantity*
BSB 2432	5 slides

Storage

Store at 2-8°C

Stability

This product is stable up to the expiration date on the product label. Do not use after expiration date listed on package label. Temperature fluctuations should be avoided. Store appropriately when not in use, and avoid prolonged exposure to room temperature conditions.

Specimen for Quality Control Procedure

Paraffin sections: Formalin-fixed paraffin-embedded (FFPE) tissue sections should undergo appropriate fixation for best results. Pre-treatment of tissues with heat-induced epitope retrieval (HIER) is recommended using Bio SB ImmunoDNA Retriever with Citrate (BSB 0020-BSB 0023), ImmunoDNA Retriever with EDTA (BSB 0030-BSB 0033). Tissue should remain hydrated using Bio SB Immuno/DNA Washer solutions (BSB 0029 & BSB 0042).

Frozen sections and cell preparations: Acetone-fixed frozen sections and acetone-fixed cell preparations.

This Antibody has been quality control tested by immunohistochemistry as follows

Quality Control Procedure

Step	ImmunoDetector HRP/DAB	PolyDetector Plus HRP/DAB
Epitope Retrieval (HIER)	15 minutes	15 minutes
Peroxidase/AP Blocker	5 minutes	5 minutes
Primary Antibody	30-60 minutes	30-60 minutes
1st Step Detection	10 minutes	15 minutes
2nd Step Detection	10 minutes	15 minutes
Substrate-Chromogen	5-10 minutes	5-10 minutes
Counterstain	Varies	Varies

Mounting Protocols

Tissues were mounted using biodegradable permanent mounting media such as XyGreen PermaMounter (BSB 0169-0174) or organic solvent based resin such as PermaMounter (BSB 0094-0097).

Product Limitations

Due to inherent variability present in immunohistochemical procedures (including fixation time of tissues, dilution factor of antibody, retrieval method utilized and incubation time), optimal performance should be established through the use of positive and negative controls. Results should be interpreted by a qualified medical professional.

References

1. Adams RL, et al. J Pathol. 1984; 143:241-7
2. Vago L, et al. Acta Neuropathol (Berl). 1996 Oct; 92(4):404-8
3. Shintaku M, et al. Arch Pathol Lab Med. 2003 Feb; 127(2):231-4
4. U.S. Department of Health and Human Services: Centers for Disease Control and Prevention. Guidelines for Safe Work Practices in Human and Animal Medical Diagnostic Laboratories. Supplement / Vol. 61, January 6, 2012.

Symbol Key / Légende des symboles/Erläuterung der Symbole

Storage Temperature Limites de température Zulässiger Temperaturbereich	Manufacturer Fabricant Hersteller	REF Catalog Number Référence du catalogue Bestellnummer
Read Instructions for Use Consulter les instructions d'utilisation Gebrauchsanweisung beachten	Expiration Date Utiliser jusque Verwendbar bis	LOT Lot Number Code du lot Chargenbezeichnung

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