



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Mouse anti Feline Herpes Virus Type 1

with HRP-conjugated secondary antibody

Catalog No.
DS-MB-01297

Species
Viral

Isotype
IgG2a

Preparation

- Preparation:** Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

Formulation

- Product Form:** Purified IgG - liquid
- Buffer Solution:** Phosphate buffered saline pH7.2
- Preservative & Stabilizers:** 0.05% Sodium Azide (NaN₃)
- Approx. Protein Concentrations:** IgG concentration 1.0 mg/ml

Specificity

- DS-MB-01297 is specific for feline Herpesvirus type 1 (FHV-1), of the genus *Herpesviridae*. FHV-1 is worldwide, and the most clinically significant pathogen for feline respiratory infections, being the causative agent of feline viral rhinotracheitis (FVR). DS-MB-01297 specifically reacts with three different cultured FHV isolates, but does not cross react with feline Calicivirus (FCV), feline Immunodeficiency virus (FIV) or feline Leukaemia virus (FeLV).

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	•			
Western Blotting (1)	•			
Immunohistology Frozen			•	
Immunohistology - paraffin			•	
Immunohistology - resin			•	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.
(1) detects bands of approximately 105-113kDa(gB/gC); 67kDa(gI) and 60kDa(gD).

The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blotting)	•			1:5,000-1:10,000

Storage

- Store at +4°C or at -20°C if preferred.
- Storage in frost-free freezers is not recommended. This product should be stored undiluted.
- Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
- **Shelf Life:** 18 months from date of shipment.

Reference:

- Maeda, K. et al. (1998) Properties and functions of Feline Herpesvirus Type 1 glycoproteins. J. Vet. Med. Sci. 60: 881-888.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**