



# Anti-BHV-1/IBR polyclonal antibody (CABT-BL8916)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Specificity	Does not react with other common bovine viruses.
Immunogen	Bovine herpesvirus Type 1 (BHV-1/IBR)
Isotype	IgG
Source/Host	Goat
Species Reactivity	Bovine Rhinotracheitis virus
Conjugate	Unconjugated
Applications	IFA
Size	2 ml
Buffer	0.09% sodium azide
Preservative	0.09% Sodium Azide
Storage	Store at 2-7°C. Do not freeze!

## BACKGROUND

Introduction	Bovine herpesvirus 1 (BoHV-1) is a virus of the family Herpesviridae and the subfamily Alphaherpesvirinae, known to cause several diseases worldwide in cattle, including rhinotracheitis, vaginitis, balanoposthitis, abortion, conjunctivitis, and enteritis. BoHV-1 is also a contributing factor in shipping fever, also known as bovine respiratory disease (BRD). It is spread horizontally through sexual contact, artificial insemination, and aerosol transmission and
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it may also be transmitted vertically across the placenta. BoHV-1 can cause both clinical and subclinical infections, depending on the virulence of the strain. Although these symptoms are mainly non-life-threatening it is an economically important disease as infection may cause a drop in production and affect trade restrictions. Like other herpesviruses, BoHV-1 causes a lifelong latent infection and sporadic shedding of the virus. The sciatic nerve and trigeminal nerve are the sites of latency. A reactivated latent carrier is normally the source of infection in a herd. The clinical signs displayed are dependent on the virulence of the strain. There is a vaccine available which reduces the severity and incidence of disease. Some countries in Europe have successfully eradicated the disease by applying a strict culling policy. Infection can occur in cattle of any age, but it is most commonly seen between the ages of 6 and 18 months.

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