



Babesia microti

GPI12

Datasheet, Version 2/2016

protean

On the bow of top biotechnology

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|-----------|------------------------------|
| Catalog # | 2126 |
| Synonyms | BmGPI12 Antigen, p41 protein |
| Type | Recombinant |
| Source | E. coli |
| Species | Babesia micoti |
| Tag | GST |
| Form | Liquid |

| | |
|----------|------------------|
| Purity | >95% by SDS PAGE |
| Shipping | Ice pack |

Introduction

Babesia parasites are obligate intraerythrocytic protozoa capable of invading a wide range of vertebrate hosts. Babesia microti has emerged as a new life-threatening zoonosis in the world causing a disease in humans and rodents. The infection is usually asymptomatic. However, immunocompromised and elder people may develop moderate to serious symptoms.

Description

GPI12 is a member of GPI anchored membrane proteins that represent a specific marker of Babesia infection.

Application

ELISA, Western blot, LIA, Protein arrays

Purification method

Affinity chromatography.

Formulation

Liquid, does not contain glycerol. Protein conc. 2 mg/ml. MW 60kDa including GST tag.

Specificity

Highly immunoreactive fusion protein containing a major part of GPI12 antigen (XP_012648767.1: 13..328aa). MW 60 kDa with GST (GPI12 alone MW 34kDa).

Storage

-80C. Aliquot upon arrival.

Analyte specific reagent (ASR) manufactured under ISO 13485.

Country of origin: Czech Republic

