

***Babesia microti* p32**

Antigen Specification

Product Number: 44100

Description:

Babesia microti (strain RI) p32 protein. Recombinant antigen for research use or manufacturing only.

Origin:

Recombinant. Expressed by recombinant baculovirus (*Autographa californica* multiple nuclear polyhedrosis virus; AcMNPV) infection of *Spodoptera frugiperda* Sf9 insect cells.

Expression construct:

Full-length cDNA coding for *Babesia microti* p32 fused to a deca-histidine purification tag.

Biochemical tests:

SDS-PAGE (purity > 80%); Western blot with monoclonal anti-His-tag antibody.

Calculated molecular weight:

36 kDa

Calculated isoelectric point:

pH 6.33

Endotoxin content:

Tested by LAL (Limulus Amoebocyte Lysate) chromogenic endotoxin assay.

Recommended buffer/storage and handling conditions:

Recommendations for storage buffer: neutral to slightly alkaline pH and 20% glycerol as cryoprotective agent. Storage conditions: -70°C or below. Repeated freeze/thaw cycles should be avoided.

Copyright 2015 - 2018 DIARECT AG