

Product datasheet

Recombinant *Toxoplasma gondii* MIC 3 protein ab43135

Overview

Product name	Recombinant <i>Toxoplasma gondii</i> MIC 3 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	<i>Escherichia coli</i>
Amino Acid Sequence	
Additional sequence information	The protein contains the MIC 3 immunodominant region.

Specifications

Our [Abpromise guarantee](#) covers the use of **ab43135** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Biological activity	Immunoreactive with sera of <i>Toxoplasma gondii</i> -infected individuals.
Applications	ELISA Western blot
Purity	> 95 % SDS-PAGE. Sephacrose-Derived Purification determined by 10% PAGE (coomassie staining).
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Constituents: 9% Urea, 0.79% Tris HCl, 50% Glycerol
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General Info

Relevance	<i>Toxoplasma</i> is a crescent shaped sporozoan that lives as an intracellular parasite in various tissues of many vertebrates and completes its life cycle in a single host. Infection due to
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Toxoplasma gondii occurs in pregnant women where a variable degree of immunosuppression may exist or in patients receiving immunosuppressive drug therapy. The micronemal protein MIC3, which is a potent adhesin of Toxoplasma gondii, could be a significant candidate vaccine against toxoplasmosis.

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