Anti-ALT-2

Catalogue number: 156378
Sub-type:
Images:

Contributor

Inventor:
Institute: University of Illinois Chicago
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-ALT-2

Alternate name: ALT

Class: Polyclonal
Conjugate: Unconjugated
Description: Lymphatic filariasis, caused by *Brugia malayi* and others, affects more than 120 million people worldwide causing major public health problems especially in the tropics. *Brugia malayi* - ALT-2 protein is abundantly synthesized in the infective stages of the parasite and believed to play a major role in the transmission and infectivity of the filarial parasite. Bm-alt-2 has several important characteristics of a vaccine candidate. These include high levels of expression in the infective larval stages presenting as an abundant target for the immune system and more importantly there is no known homolog in the mammalian species.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype:
Reactivity:
Selectivity:
Host: Jird
Immunogen: Recombinant Bm-ALT-2 protein
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:

Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Abundant Larval Transcript-2

Target alternate names:

Target background: Lymphatic filariasis, caused by Brugia malayi and others, affects more than 120 million people worldwide causing major public health problems especially in the tropics. Brugia malayi - ALT-2 protein is abundantly synthesized in the infective stages of the parasite and believed to play a major role in the transmission and infectivity of the filarial parasite. Bm-alt-2 has several important characteristics of a vaccine candidate. These include high levels of expression in the infective larval stages presenting as an abundant target for the immune system and more importantly there is no known homolog in the mammalian species.

Molecular weight:

Ic50:

Applications

Application: WB ; FACS ; ELISA
Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Deaton et al. 1978. Front Nurs Serv Q Bull. 53(4):30-1. PMID: 352877.