

Anti-Aspergillus fumigatus [5D4]

Catalogue number: 153588

Sub-type:

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Aspergillus fumigatus [5D4]

Alternate name: Fungal, fungus, fungi, mycology

Class: Monoclonal

Conjugate: Unconjugated

Description: Aspergillus fumigatus is a fungus of the genus Aspergillus. Specifically, A. fumigatus, it is a mold and one of the most common Aspergillus species to cause disease in humans with an immunodeficiency. A. fumigatus, is a widespread saprobe which breaks down organic material in soil and the conidia are prevalent in the atmosphere and regularly inhaled. In healthy individuals, A. fumigatus can cause allergic reactions and infection. However, in immunocompromised individuals it can cause invasive aspergillosis which is often fatal disease.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgM

Reactivity: Aspergillus fumigatus

Selectivity:

Host: Mouse

Immunogen: Cell walls of *Aspergillus fumigatus* 2085

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: CA antigen of *Aspergillus fumigatus*

Target alternate names:

Target background: *Aspergillus fumigatus* is a fungus of the genus *Aspergillus*. Specifically, *A. fumigatus*, it is a mold and one of the most common *Aspergillus* species to cause disease in humans with an immunodeficiency. *A. fumigatus*, is a widespread saprobe which breaks down organic material in soil and the conidia are prevalent in the atmosphere and regularly inhaled. In healthy individuals, *A. fumigatus* can cause allergic reactions and infection. However, in immunocompromised individuals it can cause invasive aspergillosis which is often fatal disease.

Molecular weight:

Ic50:

Applications

Application: ELISA ; IF

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: IMDM + 20% FBS + 1% Pen/Strep

Storage conditions:

Shipping conditions: Shipping at 4° C

Related tools

Related tools: Anti-*Aspergillus fumigatus*, [16C4]

References

References: Zhao et al. 2012. J Food Prot. 75(9):1555-61. PMID: 22947461.

CancerTools.org