

Anti-Aspergillus fumigatus cell walls [8A1] Bulk Size Ab01466-21.0-BT

This antibody does not have a J-chain and therefore presents as a hexamer, rather than a pentamer.

Isotype and Format: Mouse IgM, Kappa

Clone Number: 8A1

Alternative Name(s) of Target: Neosartorya fumigata; Aspergillus fumigatus cell walls; Aspergillus fumigatus

UniProt Accession Number of Target Protein:

Published Application(s): ELISA, IF

Published Species Reactivity: Aspergillus fumigatus (Neosartorya fumigata)

Immunogen: This antibody was raised against Aspergillus fumigatus 237 isolated cell walls.

Specificity: This antibody recognises cell walls of Aspergillus fumigatus (conidium and basal region).

Application Notes: 8A1 antibody has been shown as an effective and specific antibody against conidium and basal region of Aspergillus fumigatus. It was used effectively in immunofluorescence experiments labelling distinct regions of the fungus (Momany et al., 2004). This antibody might be used to investigate the biology of Aspergillus fumigatus as well as potentially in other allergological applications associated with the A. fumigatus hypersensitivity.

Antibody First Published in: Momany et al. The Aspergillus fumigatus cell wall is organized in domains that are remodelled during polarity establishment. Microbiology. 2004 Oct;150(Pt 10):3261-8.

[PMID:15470106](#)

Note on publication: This article describes the generation and characterisation of TL2.1 antibody.

Product Form

Size: 500 µg Purified antibody in bulk size.

Purification: Affinity Purified using a recombinant lectin column

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.