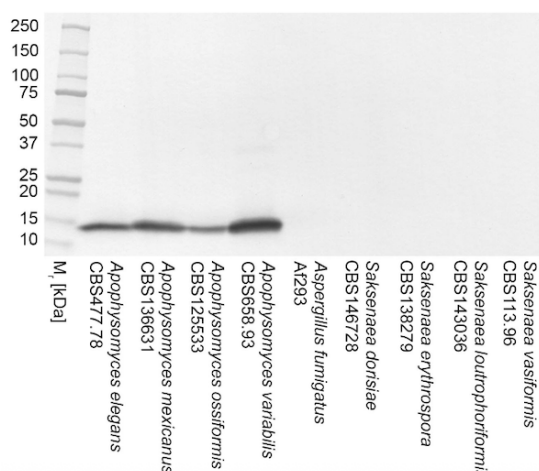


DATASHEET

Apophysomyces, monoclonal antibody JD4

Product code	ID2630-0025 / ID2630-0100
Unit size	25µL / 100µL
Alternative names	No
Clone	JD4
Host	Mouse
Antigen	~15 kDa protein
Isotype	IgG1
Purification	Affinity purification
Applications	ELISA, WB
Concentration	See batch specific Certificate of Analysis
Recommended dilution	1:1000
Optimisation	Optimal dilutions to be determined by end user
Species reactivity	<i>Apophysomyces</i> species. No cross-reactivity with other fungi.
Storage buffer	Phosphate buffered saline pH7.2 with 0.095% (w/v) sodium azide
Shipping	Blue ice
Storage temperature	Store as supplied at +2°C ~ +8°C for up to 1 year
Reference	Thornton CR and Davies GE. (2025). Monoclonal antibodies can aid in the culture-based detection and differentiation of <i>Mucorales</i> fungi—the flesh-eating pathogens <i>Apophysomyces</i> and <i>Saksenaea</i> as an exemplar. <i>Antibodies</i> 14 : 85.



Legend: Western immunoblot of antigens from the pathogenic *Mucorales* fungi *Apophysomyces* and *Saksenaea*, and from the pathogen *Aspergillus fumigatus*. Monoclonal antibody JD4 reacts with a protein of ~15 kDa specific to *Apophysomyces* species, which is absent in *Saksenaea* species and in *A. fumigatus*.

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