

***Scedosporium*, mouse monoclonal antibody [clone HG12]**

Product code	ID2510-0025 / ID2510-0100
Unit size	25µL / 100µL
Concentration	See batch specific Certificate of Analysis
Alternative name	No
Clone	HG12
Host	Mouse
Antigen	120kDa glycoprotein
Isotype	IgG1
Purification	Protein A
Applications	ELISA, DAS-ELISA, WB, IF, IEM For DAS-ELISA, use in combination with mAb GA3 [ID2515]
Recommended dilution	1:1000
Optimisation	Optimal dilutions to be determined by end user
Species reactivity	<i>Pseudallescheria boydii</i> , <i>Scedosporium boydii</i> , <i>Scedosporium apiospermum</i> , <i>Scedosporium aurantiacum</i>
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. (2009). Tracking the emerging human pathogen <i>Pseudallescheria boydii</i> by using highly specific monoclonal antibodies. <i>Clinical and Vaccine Immunology</i> 16 : 756-764.



Legend: Immunogold electron microscopy (IEM) showing distribution of HG12 antigen in cell wall and cytoplasm of *P. boydii* spore following phagocytosis by a mouse alveolar macrophage. Tissue section was probed with mAb HG12 followed by goat anti-mouse 20nm gold conjugate.

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