

## Product datasheet for **AM05895PU-N**

### Rhizopus Arrhizus Mouse Monoclonal Antibody [Clone ID: WSSA-RA-1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	WSSA-RA-1
Applications:	ELISA, IHC, WB
Recommended Dilution:	Immunohistochemistry on paraffin sections: 1:50 (see ref. 1). ELISA. Western blot: detects diffuse band/s of approximately 14-110kDa of <i>Rhizopus arrhizus</i> water-soluble somatic antigens. Does not work in Immunoprecipitation.
Reactivity:	Rhizopus Arrhizus
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Water-soluble somatic antigens (WSSA) from <i>Rhizopus arrhizus</i> .
Specificity:	This antibody specifically recognises <i>Rhizopus arrhizus</i> and other members of the family Mucoraceae, known as <i>Absidia corymbifera</i> and <i>Rhizomucor pusillus</i> , reacting strongly with the cytoplasm of hyphae and also possibly with the walls and septae, where present.
Formulation:	Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide (NaN <sub>3</sub> ) State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use.
Stability:	Shelf life: one year from despatch.



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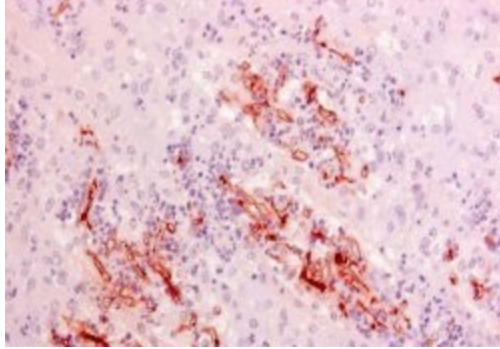
**Background:**

*R. arrhizus*, an angio-invasive filamentous fungus, is one of the main causative agents of systemic bovine and human zygomycosis, a worldwide and often fatal respiratory disease. Clone WSSA-RA-1 has been successfully used in immunohistochemistry for the specific and consistent in situ diagnosis of systemic bovine zygomycosis, attributed to its possible binding to a highly glycosylated moiety on non-structural components.

Clone WSSA-RA-1 does not bind to water-soluble somatic antigens (WSSA) of *Aspergillus spp.*

**Synonyms:**

RHIZOPUS ORYZAE

**Product images:**

Renal tissue presenting zygomycosis stained with Mouse anti Rhizopus Arrhizus (AM05895PU-N)