

## Product information

<b>Antibody name:</b>	anti- <i>Aspergillus niger</i>
<b>Product number:</b>	A13A-2
<b>Quantity:</b>	1 ml
<b>Clonality/purity:</b>	polyclonal antibodies
<b>Host:</b>	rabbit
<b>Immunogen:</b>	<i>Aspergillus niger</i>
<b>Applications:</b>	ELISA. Optimal dilutions are dependent on conditions and should be determined by the user. Other applications not tested.
<b>Specificity:</b>	reacts with <i>Aspergillus niger</i> . Other species were not tested
<b>Storage buffer:</b>	Phosphate buffered saline, pH 7.2; 0.05% Sodium Azide (NaN <sub>3</sub> )
<b>Storage:</b>	store at +4°C up to one month or in aliquots at -20°C for longer. Avoid repeated freezing and thawing.
<b>Description:</b>	<i>Aspergillus niger</i> is a fungus and one of the most common species of the genus <i>Aspergillus</i> . It causes a disease called black mold on certain fruits and vegetables such as grapes, onions, and peanuts, and is a common contaminant of food. <i>A. niger</i> causes black mold of onions. Infection of onion seedlings by <i>A. niger</i> can become systemic, manifesting only when conditions are conducive. <i>A. niger</i> causes a common postharvest disease of onions, in which the black conidia can be observed between the scales of the bulb. The fungus also causes disease in peanuts and in grapes. <i>A. niger</i> is less likely to cause human disease than some other <i>Aspergillus</i> species, but, if large amounts of spores are inhaled, a serious lung disease, aspergillosis can occur. Aspergillosis is, in particular, frequent among horticultural workers that inhale peat dust, which can be rich in <i>Aspergillus</i> spores. <i>A. niger</i> is one of the most common causes of otomycosis (fungal ear infections), which can cause pain, temporary hearing loss, and, in severe cases, damage to the ear canal and tympanic membrane.
<b>Related products:</b>	the antibodies are available in the form of ELISA-tests and immunosticks for rapid sample preparation. Please, contact us for information on these products.

*For research purposes only*