



# Mouse Anti *Alternaria alternata* Alt a 1 monoclonal antibody, clone 4C7 (CABT-L044)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Alt a 1
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	<i>Alternaria alternata</i>
<b>Clone</b>	4C7
<b>Purification</b>	Produced in vitro cell culture and purified by chromatography using recombinant protein G. Single heavy and light chain bands on SDS-PAGE.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	<p>Suitable for use in ELISA.</p> <p>Each laboratory should determine an optimum working titer for use in its particular application.</p> <p>Other applications have not been tested but use in such assays should not necessarily be excluded.</p>
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific
<b>Buffer</b>	1% BSA, 50% glycerol, PBS, pH 7.4.
<b>Storage</b>	Store at 4°C
<b>Ship</b>	Wet ice

# BACKGROUND

**Introduction**

Alternaria species is one of the most common molds associated with allergic diseases, and 80% of Alternaria species-sensitive patients produce IgE antibodies to a major protein allergen, Alt a 1. The structure and function of Alt a 1 is unknown.

**Keywords**

Major allergen Alt a 1; a11; Alt a 1-related; Alt-1; m229