



# Mouse Anti-*S.aureus* enterotoxin A/B Monoclonal antibody, clone TB12 (CABT-CS107)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Reacts with enterotoxin A and B of <i>Staphylococcus aureus</i> . Reactivity with other types of the enterotoxins has not been tested.
<b>Target</b>	<i>S.aureus</i> enterotoxin A/B
<b>Immunogen</b>	Culture supernatant of <i>Staphylococcus aureus</i>
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	<i>S. aureus</i>
<b>Clone</b>	TB12
<b>Purification</b>	Affinity-purified with Protein A/G mix
<b>Conjugate</b>	unconjugated
<b>Applications</b>	WB, ELISA, IC
<b>Format</b>	Liquid
<b>Concentration</b>	1 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, 50% glycerol

<b>Preservative</b>	None
<b>Storage</b>	Ship at 4°C and store at -20°C. Do not freeze.

## BACKGROUND

<b>Introduction</b>	Over 20 serologically distinct staphylococcal enterotoxins (SE) have been described that include SEs A through V and toxic shock syndrome toxin-1 (TSST-1). SEA and SEB are the best characterized and are also regarded as super antigen. SEA, SED and SEE share 70–90% sequence homology, while only 40–60% with SEB, SEC and TSST-1. Their mature length is approximately 220–240 amino acids, depending on the toxin, and their molecular size is on average 27kD to 30kD and have significant sequence variability, but when folded have similar three-dimensional structures.
<b>Keywords</b>	S.aureus enterotoxin; SEB; SEA; S.aureus; enterotoxin