

## Chimeric anti- *Staph* Enterotoxin B mAb

Catalog #: 0221-008

### Description:

Chimeric monoclonal antibody reactive to *Staphylococcus aureus* Enterotoxin B.

Formulation & Storage: Supplied in PBS. Store at +4°C for 2-3 weeks, -20°C for long term.

### Immunogen/ Target:

*Staphylococcus* enterotoxin B (SEB)

### Notes & Usage Guidelines:

Clonality/ Isotype: Monoclonal; IgG<sub>1</sub>

Host: Chimeric

ELISA: Assay-dependent dilution

WB: Not recommended

## Applications

### ELISA Data:

#### ELISA Data:

ng/mL	OD 650 nm				
	Hla	LukF	LukS	SEA	SEB
100.000	0.096	0.084	0.094		3.703
10.000	0.092	0.080	0.076	0.150	3.404
1.000	0.086	0.083	0.088	0.083	3.456
0.100	0.090	0.074	0.081	0.064	3.690
0.010	0.083	0.079	0.079	0.072	3.402
0.001	0.090	0.083	0.078	0.093	1.674
0.000	0.088	0.071	0.119	0.107	0.405
0.000	0.092	0.074	0.081	0.100	0.138

Cross Reactivity: This antibody does not appear to cross react with *S. aureus* antigens Hla, LukF, LukS, or SEA at the tested concentrations.

*S. aureus* antigens were diluted to 2 µg/mL in PBS for plate coating. Anti-SEB antibody 628 was serially diluted ten-fold from 100 µg/mL and incubated on the coated plates. Washed plates were detected with anti-human IgG-HRP conjugate and TMB substrate. OD<sub>650</sub> is reported above.

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