

Chimeric anti-Staph Enterotoxin A(SEA) mAb

Catalog #: 0221-006

Description:

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

Immunogen/ Target:

Staphylococcus Enterotoxin A(SEA)

Formulation & Storage: Supplied in PBS in frozen format with no preservatives added. Store at +4°C for 2-3 weeks; -80°C for long-term

Notes & Usage Guidelines:

Clonality/Isotype: Monoclonal; IgG1

Host: Chimeric

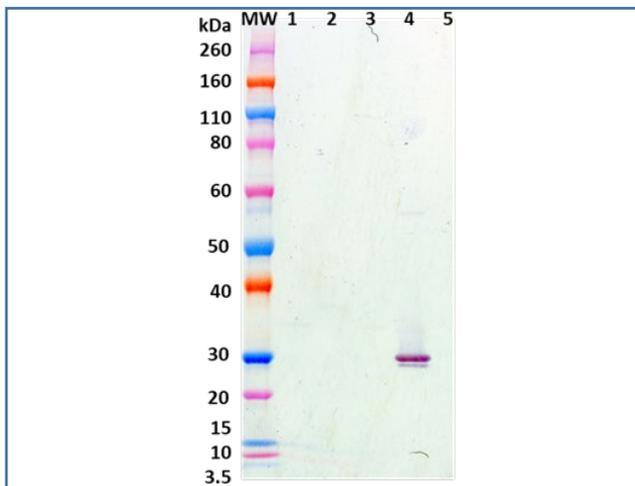
ELISA: Assay-dependent dilution

WB: Assay-dependent dilution

Applications

Western Blot Data:

Western blot detection of Hla (lane 1), LukF (lane 2), LukS (lane 3), SEA (lane 4) and SEB (lane 5), 200ng each. SEA was detected with monoclonal antibody 514 at 0.50 µg/mL and an anti-human IgG-HRP conjugate.



ELISA Data:

S. aureus antigens were diluted to 2 µg/mL in PBS for plate coating. Anti-SEA antibody 514 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. OD₆₅₀ is reported below.

ng/mL	OD 650 nm				
	Hla	LukF	LukS	SEA	SEB
100.000	0.107	0.095	0.116	3.644	
10.000	0.090	0.081	0.091	3.559	0.086
1.000	0.101	0.075	0.080	3.647	0.081
0.100	0.085	0.072	0.087	3.504	0.066
0.010	0.080	0.075	0.086	2.346	0.081
0.001	0.083	0.082	0.075	0.530	0.080
0.000	0.088	0.072	0.076	0.150	0.084
0.000	0.094	0.067	0.077	0.106	0.086

Certificate of analysis:

A hardcopy of datasheet is sent along with the products. Please refer to it for detailed information. For older lots, refer to the applicable certificate of analysis that may be requested at products@ibtbioservices.com.

Related Products:

IBT provides a wide array of antibodies, recombinant proteins, and other infectious disease reagents. Please see our website, www.ibtbioservices.com for more details.

Intended for research use only, not for human, therapeutic, or diagnostic applications.

The buyer cannot sell or otherwise transfer this product for Commercial Purposes without written approval of Integrated BioTherapeutics, LLC.

Copyright 2023. Integrated BioTherapeutics, LLC. All rights reserved.