



Maine Biotechnology Services

Product Information Sheet

Clone Determination	2B33
Immunogen	Staph aureus enterotoxin B (SEB)
Epitope	MHC binding site on Staph aureus enterotoxin B (SEB)
Cross Reactivity	No cross reactivity with other Staph aureus enterotoxins
Immunoglobulin Class	IgG1 kappa
Affinity	5.2×10^{-9}
Purification	Protein A pH gradient elution
Lot Number	Lot Specific
% Purity	> 95%
PI	To Be Determined
Concentration	Lot Specific
Buffer	0.15 M Phosphate Buffered Saline, pH 7.6, sterile filtered
Preservatives	none
Expiration date	Lot Specific
Quantity	Lot Specific
Volume	Lot Specific
Applications	ELISA as capture, when paired with B344, B87 and B327
Working dilution	To be determined by user
Storage	Aliquot into working volumes and store at -20°C

References:

J. Exp. Med © The Rockefeller University Press · 0022-1007/94/08/0615/07. Volume 180 August 1994 615-621
J. Exp. Med: 185:1447-1454

MAINE BIOTECHNOLOGY SERVICES, INC.

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Product Information Sheet

Clone Determination	A108
Immunogen	Staph Enterotoxin A (SEA)
Epitope	Overlaps Zn ⁺⁺ MHC binding site on SEA and requires Zn ⁺⁺ for binding
Cross Reactivity	Staph aureus enterotoxin E (SEE)
Immunoglobulin Class	IgG2b kappa
Affinity	data not available
Purification	Protein A pH gradient elution
Lot Number	Lot Specific
% Purity	> 95%
PI	To Be Determined
Concentration	Lot Specific
Buffer	0.15 M Phosphate Buffered Saline, pH 7.6, sterile filtered
Preservatives	none
Expiration date	Lot Specific
Quantity	Lot Specific
Volume	Lot Specific
Applications	ELISA as capture, when paired with A163
Working dilution	To be determined by user
Storage	Aliquot into working volumes and store at -20°C

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Product Information Sheet

Clone Determination	A111
Immunogen	Staph Enterotoxin A (SEA)
Epitope	Not Determined
Cross Reactivity	Staph aureus enterotoxin E (SEE)
Immunoglobulin Class	IgG2a kappa
Affinity	data not available
Purification	Protein A pH gradient elution
Lot Number	Lot Specific
% Purity	> 95%
PI	To Be Determined
Concentration	Lot Specific
Buffer	0.15 M Phosphate Buffered Saline, pH 7.6, sterile filtered
Preservatives	none
Expiration date	Lot Specific
Quantity	Lot Specific
Volume	Lot Specific
Storage	Aliquot into working volumes and store at -20°C

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Product Information Sheet

Clone Determination	A163
Immunogen	Staph Enterotoxin A (SEA)
Epitope	Recognizes a separate epitope from A108
Cross Reactivity	Does not cross react with Staph aureus enterotoxin E (SEE)
Immunoglobulin Class	IgG1 kappa
Affinity	data not available
Purification	Protein A pH gradient elution
Lot Number	Lot Specific
% Purity	> 95%
PI	To Be Determined
Concentration	Lot Specific
Buffer	0.15 M Phosphate Buffered Saline, pH 7.6, sterile filtered
Preservatives	none
Expiration date	Lot Specific
Application	ELISA: Pairs with A108 as secondary antibody
Dilution	To be determined by user
Quantity	Lot Specific
Volume	Lot Specific
Storage	Aliquot into working volumes and store at -20°C

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Product Information Sheet

Clone Determination	B327
Immunogen	Staph Enterotoxin B (SEB)
Cross Reactivity	No cross reactivity with other staph enterotoxins
Immunoglobulin Class	IgG2b kappa
Affinity	9.5×10^{-8}
Purification	Protein A pH gradient elution
Lot Number	Lot Specific
% Purity	> 95%
PI	To Be Determined
Concentration	Lot Specific
Buffer	0.15 M Phosphate Buffered Saline, pH 7.6, sterile filtered
Preservatives	none
Expiration date	Lot Specific
Quantity	Lot Specific
Volume	Lot Specific
Applications	Western Blot, Flow Cytometry, ELISA as capture, when paired with B344, 2B33 and B87
Working dilution	To be determined by user
Storage	Aliquot into working volumes and store at -20°C

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Product Information Sheet

Clone Determination	B87
Immunogen	Staph aureus enterotoxin B (SEB)
Epitope	TCR binding site on Staph aureus enterotoxin B (SEB)
Cross Reactivity	No cross reactivity with other Staph aureus enterotoxins
Immunoglobulin Class	IgG1 kappa
Affinity	9.3×10^{-9}
Purification	Protein A pH gradient elution
Lot Number	Lot Specific
% Purity	> 95%
PI	To Be Determined
Concentration	Lot Specific
Buffer	0.15 M Phosphate Buffered Saline, pH 7.6, sterile filtered
Preservatives	none
Expiration date	Lot Specific
Quantity	Lot Specific
Volume	Lot Specific
Applications	ELISA as capture, when paired with B344, 2B33 and B327
Working dilution	To be determined by user
Storage	Aliquot into working volumes and store at -20°C

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Product Information Sheet

Clone Determination	B344
Immunogen	Staph Enterotoxin B (SEB)
Cross Reactivity	No cross reactivity with other staph enterotoxins
Epitope	Unknown
Immunoglobulin Class	IgG1 kappa
Affinity	6.0×10^{-9}
Purification	Protein A pH gradient elution
Lot Number	Lot Specific
% Purity	> 95%
PI	To Be Determined
Concentration	Lot Specific
Buffer	0.15 M Phosphate Buffered Saline, pH 7.6, sterile filtered
Preservatives	none
Expiration date	Lot Specific
Quantity	Lot Specific
Volume	Lot Specific
Applications	ELISA as capture when paired with B327, 2B33 and B87
Working dilution	To be determined by user
Storage	Aliquot into working volumes and store at -20°C

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Product Information Sheet

Clone Determination	A228
Immunogen	Staph Enterotoxin A (SEA)
Epitope	Not Determined
Cross Reactivity	Staph aureus enterotoxin E (SEE)
Immunoglobulin Class	IgG1 kappa
Affinity	data not available
Purification	Protein A pH gradient elution
Lot Number	Lot Specific
% Purity	> 95%
PI	To Be Determined
Concentration	Lot Specific
Buffer	0.15 M Phosphate Buffered Saline, pH 7.6, sterile filtered
Preservatives	none
Expiration date	Lot Specific
Quantity	Lot Specific
Volume	Lot Specific
Storage	Aliquot into working volumes and store at -20°C

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