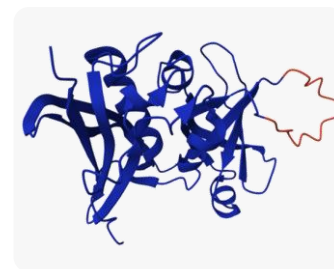


Anti-SEB rabbit recombinant monoclonal antibody



Staphylococcal enterotoxin B (SEB) is a potent exotoxin produced by *Staphylococcus aureus* and belongs to the superantigen family. It arises during bacterial growth, where it is secreted as a stable protein capable of triggering excessive T-cell activation and inflammatory cytokine release. SEB is primarily encountered in contaminated foods and through environmental exposure to *S. aureus*. It causes acute gastrointestinal illness or systemic symptoms such as fever, cough, and malaise due to massive cytokine release¹.

We offer peptide-raised rabbit recombinant monoclonal antibodies against SEB. Targeted loop highlighted in red.



Antibody specification

Target
SEB

Immunogen
VLP-YFSKKTNDIN
SHQTD

Target type
Peptide

Clonality
Monoclonal

Isotype
IgG-Kappa 1

Class
Recombinant

Host
Rabbit

Conjugation
Upon request

Expression system
Mammalian

Purification
Protein A

Concentration
1 mg/ml

Storage buffer
PBS

Storage
Short term: +4°C
Long term: -80°C

Field
Toxin

Applications

- ELISA, CLIA, RIA, etc.
- Lateral flow assay
- IP/WB

Clone information

Clone #	Affinity ± SD (nM)
	SEB peptide*
DB-202197	1.8 ± 0.3
DB-202203	0.22 ± 0.03
DB-202206	0.25 ± 0.03
DB-202207	0.16 ± 0.02
DB-202211	0.14 ± 0.01
DB-202215	1.7 ± 0.3

*SEB peptide – YFSKKTNDINSHQTD

Request your
free antibody
samples today

Contact us



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Literature

1. Krakauer T. "Update on staphylococcal superantigen-induced signaling pathways and therapeutic interventions." *Toxins* 5.9 (2013): 1629-1654.

