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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Staphylococcal enterotoxin B [LSEBg6] Bulk Size Ab02812-10.159-BT

This chimeric human antibody was made using the variable domain sequences of the original VHH format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Human IgG1-Fc fusion

Clone Number: LSEBg6

Alternative Name(s) of Target: entB; SEB; Enterotoxin type B

UniProt Accession Number of Target Protein: P01552

Published Application(s): ELISA

Published Species Reactivity: Staphylococcus aureus

Immunogen: The original antibody was isolated from a non-immune semisynthetic llama library constructed from blood samples (6 ml) collected from the left jugular vein of three research naïve mature llamas.

Specificity: This antibody binds enterotoxin B of Staphylococcus aureus (SEB).

Application Notes: The binding specificity of this antibody towards staphylococcal enterotoxin B was checked using ELISA. This antibody can also be used as a detection antibody for SEB in a sandwich ELISA. The original VHH antibody can detect SEB concentrations down to 0.05 ng/ml and 0.5 ng/ml in a sample (PMID:17165813).

Antibody First Published in: Goldman et al. Facile Generation of Heat Stable Antiviral and Antitoxin Single Domain Antibodies from a Semi-synthetic Llama Library. Anal Chem. 2006 Dec 15; 78(24): 8245–8255. [PMID:17165813](#)

Note on publication: A semisynthetic llama library was constructed from non-immune llamas and binders specific for live vaccinia virus (a smallpox virus surrogate), hen egg lysozyme, cholera toxin, ricin, and staphylococcal enterotoxin B were selected.

Product Form

Size: 500 µg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without

added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.