

Staphylococcus Aureus Ferric-hydroxamate uptake D2 (FhuD2) (19-302) His6

Catalog #: 0541-004

Lot #: 2303005

Description: Staphylococcus aureus Ferric-hydroxamate uptake D2 (FhuD2) (19-302) His6 is expressed and harvested from E.coli as a recombinant protein. FhuD2 (19-302) His6 construct starts at the 19 amino acid sequence with a total of 302 amino acids. The theoretical molecular weight of the protein is approximately 33.2 kDa.

Supplied: 100 µg is supplied in PBS + 0.02% proclin at a concentration of 0.912 mg/mL.

Purification: Affinity purified antibody

Clonality: Polyclonal

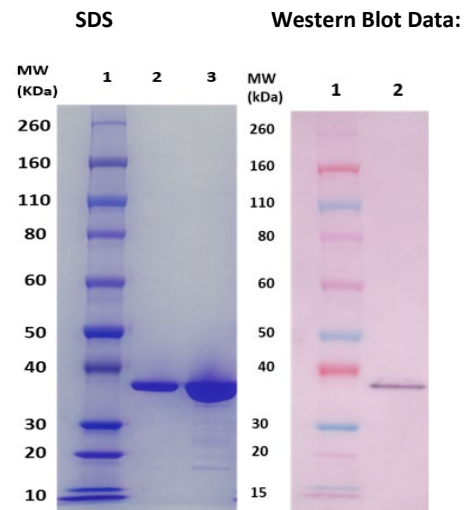
Relevance: FhuD2 is a surface lipoprotein with a role in iron-hydroxamate uptake via an ATP binding cassette transporter during the earlier stages of infection.

Recommended Dilutions:

ELISA: Assay-dependent dilution

WB: This antibody can be utilized for detection at a concentration of 1 µg/mL.

Storage: 2-3 weeks +4°C, -80°C long term



(Left) SDS-PAGE and stain demonstrating 1µg and 5µg (lanes 2 and 3, respectively) of anti- FhuD2 (19-302) His6 polyclonal antibody under denaturing and reducing conditions. Lane 1 denotes Novex® Sharp prestained protein marker.

(Right) Western Blot: 100ng (lane 2) of FhuD2 (19-302) His6 protein was loaded and detected with anti- FhuD2 (19-302) His6 peptide polyclonal antibody (cat# 0311-005) at 1 µg/mL and visualized using an anti-rabbit AP conjugate and AP substrate (lane 2). Lanes 1 denotes Novex® Sharp prestained protein marker.