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

Catalog #: 0541-004

## Lot #: 2303005

**Description:** Staphylococcus aureus Ferrichydroxamate 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  $\mu g/mL$ 

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



(Left) SDS-PAGE and stain demonstrating 1 $\mu$ g and 5 $\mu$ g (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  $\mu$ g/mL and visualized using an anti-rabbit AP conjugate and AP substrate (lane 2). Lanes 1 denotes Novex® Sharp prestained protein marker.

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