

Product datasheet

Anti-Flagellin antibody (Biotin) ab193301

1 References

Overview

Product name	Anti-Flagellin antibody (Biotin)
Description	Rabbit polyclonal to Flagellin (Biotin)
Host species	Rabbit
Conjugation	Biotin
Tested applications	Suitable for: ELISA
Species reactivity	Reacts with: Escherichia coli
Immunogen	<p>Recombinant full length protein corresponding to Escherichia coli Flagellin aa 2-498. Sequence:</p> <p>AQVINTNSLSLITQNNINKNQSALSSSIERLSSGLRINSA KDDAAGQAIA NRFTSNIKGLTQAARNANDGISVAQTTEGALSEINNQLQ RVRELTVQATT GTNSES DLSSIQDEIKSRLDEIDRVSGQTQFNGVNVLA KNGSMKIQVGAN DNQTTIDLKQIDAKTLGLDGF SVKNNDTVTTSAPVTAF GATTTNNIKLT GITLSTEAAATDTGGTNPASIEGVYTDNGNDYYAKITGGD NDGKYAVTVA NDGTVT MATGATANATVTDANTTKATTITSGGTPVQIDN TAGSATANLGA VSLVKLQDSKGNDDTYALKDTNGNLYAADVNETTGA VSVKTITYTDSSG AASSPTAVKLGDDGKTEVVDIDGKTYDSADLNGGNL QTGLTAGGEALTA VANGKTTDPLKALDDAIASVDKFRSSLGAVQNR LDSA VTNLNNTTTNLSE AQSRIQDADYATEVSNMSKAQIIQQAGNSVLAKANQVP QQVLSLLQG</p>

Database link: [P04949](#)

 [Run BLAST with](#)

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Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Store In the Dark.
Storage buffer	pH: 7.4 Preservative: 0.03% Proclin Constituents: 50% Glycerol, 49% PBS
Purity	Caprylic Acid - Ammonium Sulfate precipitation
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab193301** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration.

Target

Relevance	Flagellin (FliC) is a subunit protein that polymerizes (along with other proteins) to form the filaments of bacterial flagella. Assembly of the bacterial flagellum occurs in a precise, temporal order where the basal component (FlgE, FlgK, and FlgL are assembled inside the bacterial membrane, followed by exportation of the filament cap protein FliD, and secretion of about 20,000 flagellin monomers (FliC) through the channel. FliC monomers are polymerized to form the tail filament. FliC monomers can function as pathogen-associated molecular patterns (PAMPs), and can be detected by host cells through surface-localized toll-like receptor 5 (TLR5) and cytosolic Nod-like receptors (NLRs).
Cellular localization	Secreted. Bacterial flagellum.

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