

Anti-His Tag Antibody (monoclonal, 9C11)

Catalog Number: M30975

About TMEM177

A Polyhistidine-Tag is an amino acids motif in proteins that consists of at least six histidine (His) residues, often at the N- or C-terminus of the protein. It is also known as hexa histidine-Tag, 6xHis-Tag, His6 Tag and by the trademarked name His-Tag. Polyhistidine-Tags are often used for affinity purification of genetically modified proteins.

Overview

Product Name	Anti-His Tag Antibody (monoclonal, 9C11)
Reactive Species	All species
Description	Boster Bio Anti-His Tag Antibody (monoclonal, 9C11) catalog # M30975. Tested in Dot blot, ELISA, WB applications. This antibody reacts with All species.
Application	Dot blot, ELISA, WB
Clonality	Monoclonal 9C11
Formulation	0.5mg/ml in PBS, pH7.4, containing 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q53S58

Technical Details

Immunogen	This antibody is produced by immunizing animals with a synthetic His tag peptide corresponding to KLH.
Predicted Reactive Species	Chimpanzee
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG1
Form	Liquid
Concentration	0.5mg/ml
Purification	Protein A purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

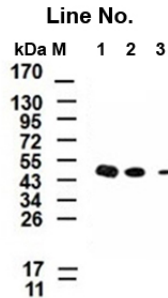
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

1:500-1:5000

Anti-His Tag Antibody (monoclonal, 9C11) (M30975) Images



Western blot analysis of different concentration of Anti-His tag (9C11) Monoclonal Antibody

Antigen: Extracts from E.coli expressing His-tagged protein

Line No.

1: 1 ug/mL

2: 0.5 ug/mL

3: 0.1 ug/mL

Blocking: Incubate the membrane with 5% Non-Fat Milk, PBS, 4 °C overnight

Antibody Incubation: Diluted antibody in 5% Non-Fat Milk, TBS, 0.1% Tween-20, RT, 30mins

18 Publications Citing This Product

1. PubMed ID: 10.1186/s13567-021-00952-8, Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) moonlights as an adhesin in Mycoplasma hyorhinis adhesion to epithelial cells as well as a plasminogen receptor mediating extracellular matrix degradation
2. PubMed ID: 10.1007/s11274-016-2182-5, Efficient yeast cell-surface display of an endoglucanase of Aspergillus flavus and functional characterization of the whole-cell enzyme
3. PubMed ID: 10.1016/j.vetmic.2017.07.010, Fibronectin-/fibrinogen-binding protein (FBPS) is not a critical virulence factor for the Streptococcus suis serotype 2 strain ZY05719

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