BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-IL-5 Reference Antibody (mepolizumab)

Catalog Number: M01086-1

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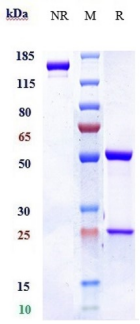
Overview

Product Name	Anti-IL-5 Reference Antibody (mepolizumab)
Reactive Species	Human
Description	Boster Bio Anti-IL-5 Reference Antibody (mepolizumab) (Catalog # M01086-1). Tested in Flow Cytometry, ELISA, FTA. This antibody reacts with Human. Endotoxin: < 0.011EU/ug,determined by LAL method. Expression system: CHO Cell
Application	ELISA, Flow Cytometry, Functional Assay, Kinetics
Clonality	Monoclonal
Storage Instructions	Maintain refrigerated at 2–8°C for up to 2 weeks. For long-term storage, aliquot and store at -20°C to avoid repeated freeze-thaw cycles.
Uniprot ID	P05113

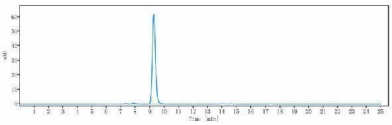
Technical Details

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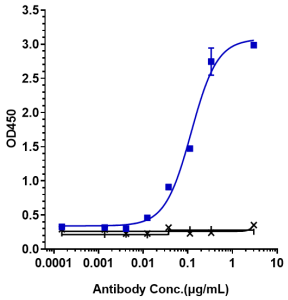
Anti-IL-5 Reference Antibody (mepolizumab) (M01086-1) Images



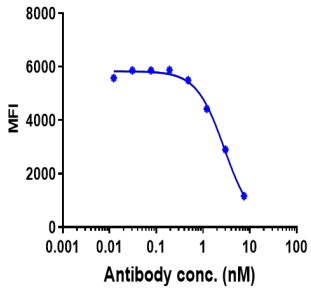
Anti-IL-5 Reference Antibody (mepolizumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



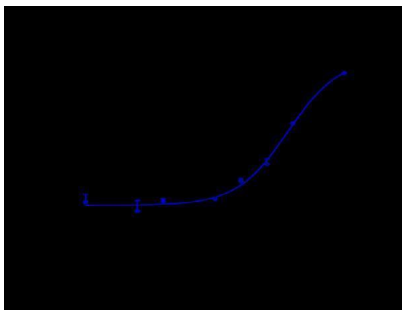
The purity of Anti-IL-5 Reference Antibody (mepolizumab)is more than 98.47%



Immobilized human IL 5 His at 2 &mug/mL can bind Anti-IL-5 Reference Antibody (mepolizumab)



Anti-IL-5 Reference Antibody (mepolizumab) FACS Blocking was evaluated using Human IL-5Rbeta-FL/HIL-5Ralpha CHOS. The IC50 was approximately 2.844 ug/mL.



Mepolizumab induced proliferation inhibition activity was evaluated using Human IL-5Ralpha TF-1 . The EC50 was approximately 0.3282 ug/mL.

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