BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti- IL-17F Monoclonal Antibody

Catalog Number: M02062

About Il17f

Interleukin 17F, also called IL17F is involved in the regulation of normal versus aberrant T-cell responses. This gene is mapped to 6p12.2. The protein encoded by this gene is a cytokine that shares sequence similarity with IL17. This cytokine is expressed by activated T cells, and has been shown to stimulate the production of several other cytokines, including IL6, IL8, and CSF2/GM_CSF. This cytokine is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1. It is suggested that targeting IL17 and IL17F or antagonizing IL17R might mitigate neutrophil-mediated inflammation in CF.

Submit a product review to Biocompare.com



Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti- IL-17F Monoclonal Antibody
Reactive Species	Mouse
Description	Boster Bio Anti- IL-17F Monoclonal Antibody catalog # M02062. Tested in IHC-P applications. This antibody reacts with Mouse.
Application	IHC-P
Clonality	Monoclonal AFIC-9
Formulation	PBS, pH 7.0. Contains no stabilizers or preservatives
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	Q7TNI7

Technical Details

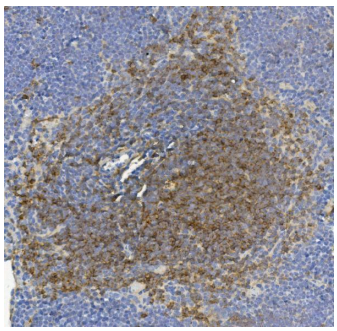
Immunogen	Mouse IL-17F
Predicted Reactive Species	Primate
Recommended Detection Systems	Boster recommends HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0001-1) for IHC(P).

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Cross Reactivity	No cross reactivity with other proteins.
Isotype	Mouse IgG1, kappa
Form	Lyophilized
Concentration	Add 0.2ml of distilled water will yield a concentration of 500u/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 2-5ug/ml, Mouse

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti- IL-17F Monoclonal Antibody (M02062) Images



IHC analysis of IL-17F using anti-IL-17F antibody (M02062). IL-17F was detected in paraffin-embedded section of mouse spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 5ug/ml mouse anti-IL-17F Antibody (M02062) overnight at 4°C. Biotinylated goat anti-mouse IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC) (Catalog # SA1021) with DAB as the chromogen.

Anti- IL-17F Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.