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

Anti-TCCR IL27RA Antibody

Catalog Number: A03654

About IL27RA

Upon antigen challenge, T-helper cells differentiate into two functional distinct subsets, Th1 and Th2. Th1 cells produce IL-2, IFN-gamma and lymphotoxin-beta that augment cell mediated immune response while Th2 cells secrete IL-4, IL-5, and IL-10 that enhance humoral immunity. The function of T-helper cells is regulated by cytokines. A novel cytokine receptor was recently identified and cloned. It is a new member in the type I cytokine receptor family and designated TCCR for T-cell cytokine receptor and WSX-1. TCCR deficient mice had impaired Th1 responses to protein antigen challenge, including decreased levels of IFN-gamma and Th1-dependent antibody IgG2a. TCCR is predominately expressed in thymus, spleen, lymph notes and peripheral blood leukocytes.

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-TCCR IL27RA Antibody
Reactive Species	Human
Description	Boster Bio Anti-TCCR IL27RA Antibody (Catalog # A03654). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	TCCR Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	TCCR antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q6UWB1

Technical Details

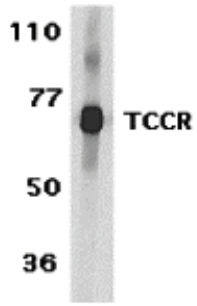
Immunogen	TCCR antibody was raised against a synthetic peptide corresponding to amino acids near the amino terminus of human TCCR precursor. The immunogen is located within the first 50 amino acids of TCCR.

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

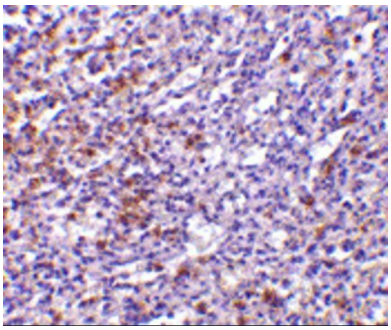
Predicted Reactive Species	Mouse
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	TCCR Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TCCR antibody can be used for detection of TCCR by Western blot at 1 ug/mL. An approximately 70 kDa band can be detected. Antibody can also be used for immunohistochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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

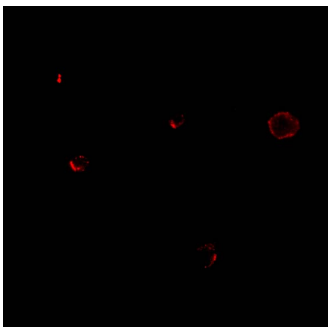
Anti-TCCR IL27RA Antibody (A03654) Images



Western blot analysis of TCCR expression in human spleen tissue lysates with TCCR antibody at 1 ug/ml.



Immunohistochemistry of TCCR in human spleen tissue with TCCR antibody at 10 ug/mL.



Immunofluorescence of TCCR in A549 cells with TCCR antibody at 20 ug/mL.

Anti-TCCR IL27RA Antibody

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