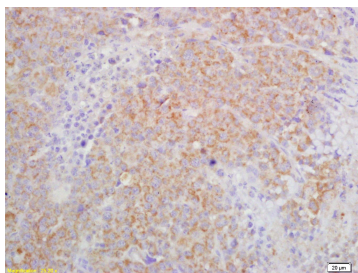


Anti-IL-27RA/TCCR Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat)
Molecular Weight:	Theoretical: 70 kDa.
Purification:	Protein A purified

Applications



Application:	IF,IHC-Fr,IHC-P
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human IL27RA
Antigen Species:	Human
Gene ID:	9466
Uniprot ID:	Q6UWB1
Synonyms:	IL27R α ;IL-27R- α ;IL27RA;IL27 RA;IL27R alpha;CRL1;IL-27R-alpha;WSX-1;TCCR;IL-27RA;WSX1;IL-27 RA;ZcytoR1
Biology Area:	STATs,Interleukins,STATs

Research Background

Upon antigen challenge, T-helper cells differentiate into two functionally distinct subsets, Th1 and Th2. Th1 cells produce IL-2, IFN-gamma and lymphotoxin-b that augment the 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 predominantly expressed in thymus, spleen, lymph nodes and peripheral blood leukocytes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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