

# APRIL Monoclonal Antibody (Sacha-1)

Catalog NumberMA1-21169

Product data sheet

Details		Tested Applications	Dilution *
Size	50 µg	Flow Cytometry (Flow)	1 µg/mL
Host/Isotope	Rat / IgG2a	Immunohistochemistry (IHC)	Assay-dependent
Class	Monoclonal	Immunocytochemistry (ICC/IF)	5 µg/mL
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Clone	Sacha-1		
Immunogen	Recombinant fusion protein of residueus 105-250 of human APRIL fused to residues 16-108 of human headless ACRP30		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Storage Conditions	4° C, do not freeze		

## Product specific information

MA1-21169 detects APRIL in Human and Mouse samples.

## Background/Target Information

Members in the TNF superfamily regulate immune responses and induce apoptosis. A novel member in the TNF family was recently identified by several groups and designated APRIL (for A Proliferation-Inducing Ligand), TALL2 (for TNF and ApoL-related Leukocyte-expressed Ligand 2), and TRDL 1a (for TNF related death ligand 1a) in human and mouse. Two receptors for APRIL were recently identified and designated TACI and BCMA. APRIL stimulates B and T cell proliferation, triggers humoral immune responses, activates NF-kB, and induces cell death. APRIL and its close relative of BlyS and their receptors BCMA and TACI are involved in diseases of autoimmunity and cancer.

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