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Product Datasheet

APRIL Antibody [Sacha-2], IgG2a, Unconjugated, Rat, Monoclonal PRS-XA-1025

Article Name	APRIL Antibody [Sacha-2], IgG2a, Unconjugated, Rat, Monoclonal
Biozol Catalog Number	PRS-XA-1025
Supplier Catalog Number	XA-1025
Alternative Catalog Number	PRS-XA-1025-0.1
Manufacturer	ProSci
Host	Rat
Category	Antikörper
Application	ELISA, FC, ICC
Species Reactivity	Human, Mouse
Immunogen	APRIL (monoclonal Sacha-2) antibody was raised against recombinant human APRIL (aa. 105-250).
Conjugation	Unconjugated
Clonality	Monoclonal
Concentration	batch dependent
Clone Designation	[Sacha-2]
Isotype	IgG2a
NCBI	8741
UniProt	O75888
Buffer	PBS containing 0.02% sodium azide

Form	Liquid
Application Dilute	Optimal dilutions for each application to be determined by the researcher.
Application Notes	APRIL antibody can be used to recognize human and mouse APRIL by ELISA (capture), Flow Cytometry, and Immunocytochemistry. Method: HEK-293T cells expressing surface membrane associated human APRIL (aa 92-233) or a mock control were injected in chicken liver and frozen in OCT. 8 µm sections of injected frozen liver were fixed in acetone, washed in PBS and incubated with Sacha-2 at 10 µg/mL for 1hr after blocking in PBS/1%BSA. Human APRIL was revealed with 3-amino-9-Ethyl-carbazole (AEC) following 45 min. incubation with goat anti-rat HRP. Method: HEK 293T cells (5 x 10⁵) were mock transfected (thin line) or transfected with an expression plasmid enabling surface expression of mouse APRIL (thick line). Cells were incubated on ice for 30 min in 50 µl FACS buffer (PBS, 5% Fetal calf serum, 0.02% sodium azide) containing 1 µg/mL of Sacha-2 antibody. After washing in FACS buffer, PE-conjugated antibody to rat IgG was added. Cells were incubated on ice for 30 min, washed and then analyzed by flow cytometry. This product is for research use only.