APRIL (human) monoclonal antibody (Aprily-1)

This antibody is covered by our Worry-Free Guarantee.

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ALX-804-148-C100	100µg

Manuals, SDS & CofA View Online »

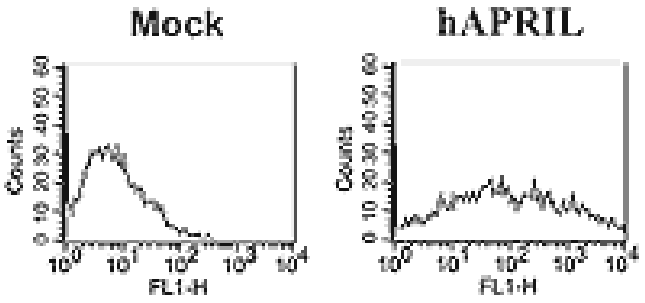


Figure 3:FACS analysis of cells with MAb to hAPRIL (Aprily-1).**Method**: HEK 293 cells were mock transfected or transfected with an expression plasmid enabling surface expression of a non-cleavable human APRIL. Cells (5×10^5) were incubated on ice for 30 min in 50 µl FACS buffer (PBS, 5% Fetal calf serum, 0.02% azide) containing 10µg/ml of Aprily-1 antibody. After washing in FACS buffer, FITC-conjugated antibody to mouse IgG was added. Cells were incubated on ice for 30 min., washed and analyzed by flow cytometry.

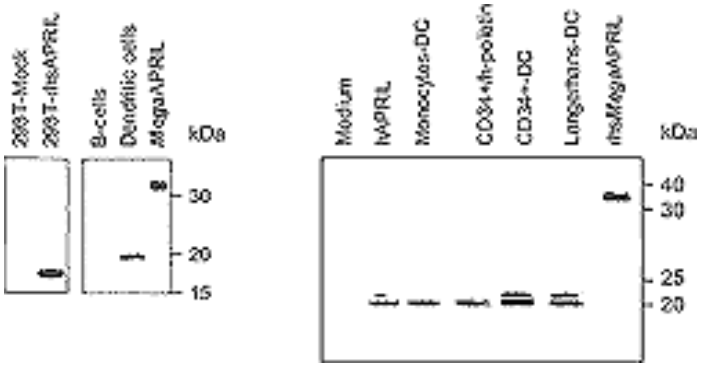


Figure 2: Detection of endogenous human APRIL with MAb to APRIL (Aprily-1) after IP with recombinant human BCMA:Fc.**Method**: Cell supernatants were first precleared with protein-A sepharose and then subjected to immunoprecipitation with rhBCMA:Fc (Prod. No. ALX-522-026) and protein-A sepharose. Beads were washed twice with PBS. Immunoprecipitated materials were eluted with 2.5mM glycine pH 2.5 for 10 min., neutralized with Tris buffer and run on an SDS-PAGE gel and analyzed with 2µg/ml Aprily-1 by Western blot. **Note**: In some migrations endogenous soluble APRIL resolved as a doublet around 20kDa (dendritic cells: DC). *Mega*APRIL™, Soluble (human) (rec.) (Prod. No. ALX-522-035) served as a positive control.”””””

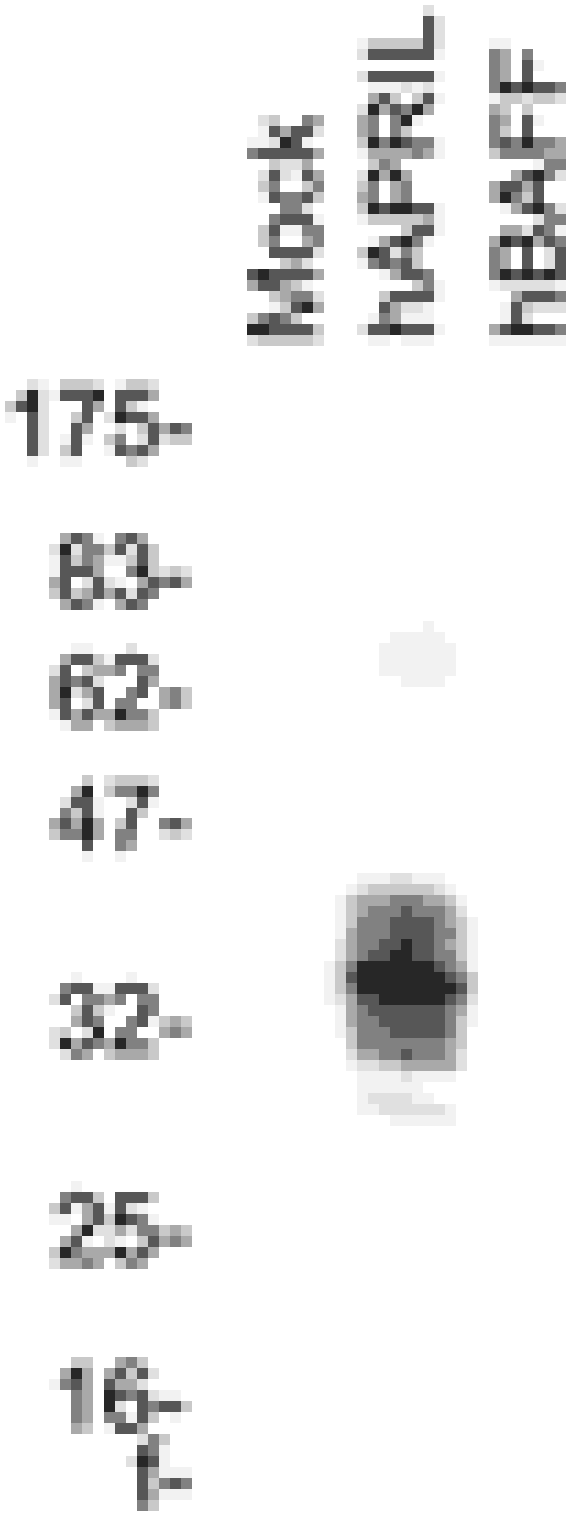


Figure 1: Western blot of total cell extracts from HEK 293 cells transfected with the indicated expression vector. Aprily-1 reacts specifically with human APRIL. **Method**: 10µg of protein was applied to the gel. Revealed with Aprily-1 (1µg/ml) and HRP-coupled anti-mouse secondary antibody (1:4’000).**Note**: The human APRIL construct used in this experiment is an uncleavable fusion protein between human BAFF (aa 1-132) and human APRIL (aa 93-233).

Handling & Storage

Use/Stability	Stable for at least 1 year after receipt when stored as recommended.
Handling	Avoid freeze/thaw cycles.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	A-Proliferation-inducing ligand, TNFSF 13, CD256
Application	Flow Cytometry, IP, WB
Application Notes	Flow Cytometry: also works for intracellular FC staining. Excellent for Western Blot.
Clone	Aprily-1
Crossreactivity	Does not cross-react with mouse APRIL.
Formulation	Liquid. In PBS containing 0.02% sodium azide.
Host	Mouse
Immunogen	Recombinant human APRIL (aa 93-233).
Isotype	IgG1
Source	Purified from concentrated hybridoma tissue culture supernatant.
Species Reactivity	Human
UniProt ID	O75888

Worry-free Guarantee

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