

Product Datasheet

APRIL/TNFSF13 Antibody (Aprily-8) - BSA Free NBP1-97587

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 3

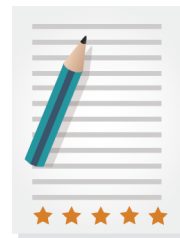
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NBP1-97587

APRIL/TNFSF13 Antibody (Aprily-8) - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	Aprily-8
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

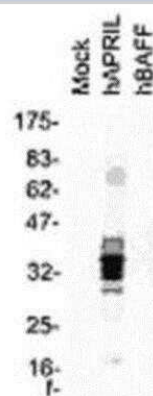
Product Description	
Description	Method used for IHC-P: 3 days after transfection of cells with the indicated constructs, cells were fixed with 4% formaldehyde 5 min. at RT. After a wash in PBS, samples were dehydrated by washes in 60%, 80%, 90%, 100% EtOH and xylol. Cells were then dried and embedded in paraffin. Sections were cut, mounted on slides and dried overnight at 50C. Slides were then successively washed 2x 10 min. in xylol, 2x 10 min. in 100% ethanol, and then treated 10 min. in 100% methanol/0.6% H2O2 to inhibit endogenous peroxidase. Samples were rehydrated by washes in 90%, 80%, 60% ethanol and PBS. After micro-wave treatment, slides were washed 3x in PBS, blocked with IgG, and incubated for 1 hour with 5ug/ml Aprily-8 or control mouse IgG (isotype control) in 1%BSA / 1x PBS for 1 hour. After PBS washes, samples were incubated with the secondary Ab for 1 hour, washed in PBS and revealed with StreptABComplex/HRP (Vector) and AEC.
Host	Mouse
Gene ID	8741
Gene Symbol	TNFSF13
Species	Human
Reactivity Notes	Recognizes Human APRIL and TWE-PRIL. Does not cross-react with Mouse APRIL and TWE-PRIL.
Immunogen	Recombinant human APRIL (aa 93-233).

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500

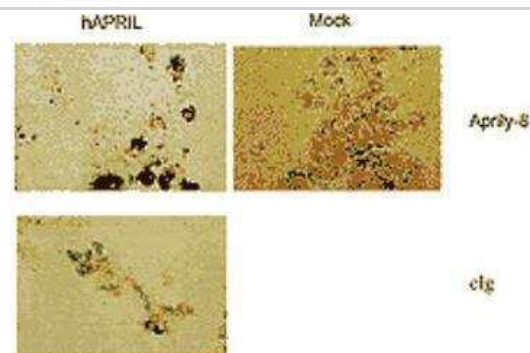


Images

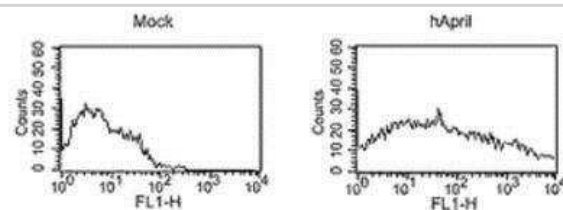
Western Blot: APRIL/TNFSF13 Antibody (Aprily-8) [NBP1-97587] - Total cell extracts from HEK 293 cells transfected with the indicated expression vector. Aprily-8 reacts specifically with human APRIL. Method: 10ug of protein was applied to the gel. Revealed with Aprily-8 (1ug/ml) and HRP-coupled anti-mouse secondary antibody (1:4000). 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).



Immunohistochemistry-Paraffin: APRIL/TNFSF13 Antibody (Aprily-8) [NBP1-97587] - Immunostaining of HEK 293 cells transfected with a human APRIL expression plasmid (left panels), or mock transfected (right panel) by Aprily-8.



Flow Cytometry: APRIL/TNFSF13 Antibody (Aprily-8) [NBP1-97587] - Analysis of cells with MAbs to APRIL (Aprily-8). Method: HEK 293 cells were mock transfected or transfected with an expression plasmid coding for a non-cleavable human APRIL. Cells (5×10^5) were incubated on ice for 30 min. in 50ul FACS buffer (PBS, 5% fetal calf serum, 0.02% azide) containing 10ug/ml of Aprily-8 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.



Publications

Yamaguchi H, Goto S, Takahashi N et al. Aberrant mucosal immunoreaction to tonsillar microbiota in immunoglobulin A nephropathy Nephrol Dial Transplant 2020-10-25 [PMID: 33099625]

Pelekanou Vassiliki, Kampa Marilena, Kafousi Maria et al. Expression of TNF-superfamily members BAFF and APRIL in breast cancer: immunohistochemical study in 52 invasive ductal breast carcinomas. BMC Cancer. 2008-01-01 [PMID: 18366696]

F Mackay et al. BAFF and APRIL: A Tutorial on B Cell Survival. Annu. Rev. Immunol. 2002-01-01 [PMID: 12427767]



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Products Related to NBP1-97587

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-35145-5ug	Recombinant Mouse APRIL/TNFSF13 Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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