

Product Datasheet

APRIL/TNFSF13 Antibody (Aprily-5) - BSA Free NBP1-97599

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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NBP1-97599

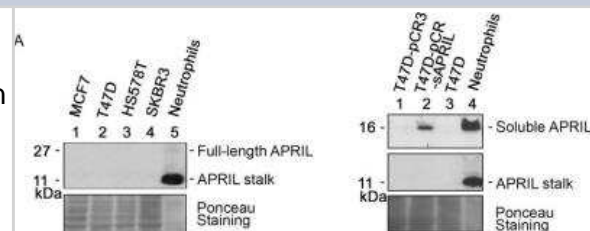
APRIL/TNFSF13 Antibody (Aprily-5) - BSA Free

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-5
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	8741
Gene Symbol	TNFSF13
Species	Human, Mouse (Negative)
Specificity/Sensitivity	Recognizes full-length and cleaved human APRIL.
Immunogen	Recombinant human APRIL (aa 93-233).
Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunoprecipitation 1:10-1:500

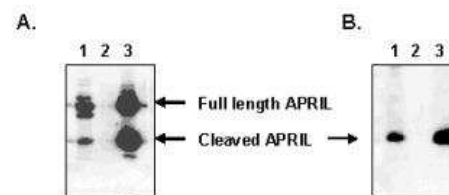


Images

Western Blot: APRIL/TNFSF13 Antibody (Aprily-5) [NBP1-97599] - Breast cancer cells induce secretion of APRIL from neutrophils. APRIL stalk is clearly detectable in neutrophils but not in breast cancer cells. On the left panel, lysates of MCF7, T47D, Hs578T, and SKBR3 cells (60 ug each), as well as neutrophils (5 ug) were subjected to SDS-PAGE and western blotting using APRIL stalk antibody. On the right panel, neutrophils and T47D cells [non-transfected and transfected with pCR3 (T47D-pCR3) or pCR3-soluble APRIL (T47D-pCR3-sAPRIL)] were immunoblotted using Aprily-5 (Novus Biologicals: NBP1-97599; top panel) and reblotted using April ED (middle panel) antibodies. Aprily-5 detects soluble APRIL. The bottom panel shows Ponceau S staining of the membranes Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41389-018-0058-2>) licensed under a CC-BY license.



Western Blot: APRIL/TNFSF13 Antibody (Aprily-5) [NBP1-97599] - Detection of endogenous human APRIL with MAbs to APRIL (human) (Aprily-5). Method: Cell lysate (A) or cell supernatant (B) were run on an SDS-PAGE gel and analyzed with 2ug/ml Aprily-5 by Western blot. Dendritic cells (1), NIH3T3 (2) and NIH3T3 expressing human APRIL (3).



Publications

Bat-Erdene U, Quan E, Chan K et al. Neutrophil TLR4 and PKR are targets of breast cancer cell glycosaminoglycans and effectors of glycosaminoglycan-induced APRIL secretion *Oncogenesis* 2018-06-15 [PMID: 29904116] (WB, Human)



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Products Related to NBP1-97599

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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