# antibodies

# Datasheet for ABIN7013494 TNFSF13 Protein (AA 111-250) (His tag,DYKDDDDK Tag)



3

Images

#### Overview

Quantity:	100 µg
Target:	TNFSF13
Protein Characteristics:	AA 111-250
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFSF13 protein is labelled with His tag,DYKDDDDK Tag.
Product Details	
Characteristics:	Human APRIL / TNFSF13 Protein, His,Flag Tag, active trimer (MALS verified)

Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per $\mu$ g by the LAL method.

## Target Details

Target:	TNFSF13
Alternative Name:	APRIL (TNFSF13 Products)
Background:	APRIL(a proliferation-inducing ligand) is also known as Tumor necrosis factor ligand superfamily member 13, TALL-2, TRDL-1, CD256, TNFFSF 13, cytokine that binds to
	TNFRSF13B/TACI and to TNFRSF17/BCMA. APRIL is a cytokine of the tumor necrosis factor
	family associated mainly with hematologic malignancies. The closely related TNF family

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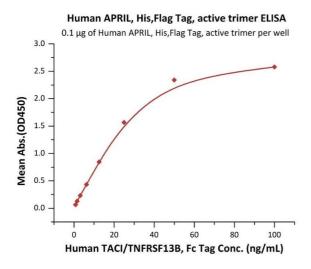
### Target Details

	ligands B cell activation factor (BAFF) and a proliferation-inducing ligand (APRIL) serve in the
	generation and maintenance of mature B-lymphocytes. Both BAFF and APRIL assemble as
	homotrimers that bind and activate several receptors that they partially share. BAFF-APRIL
	heteromers of different stoichiometries have distinct receptor-binding properties and activities.
	In addition, expression of APRIL was regulated by miR-145 in GC cells.
Molecular Weight:	50.2 kDa
NCBI Accession:	NP_003799
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process,
	Production of Molecular Mediator of Immune Response

#### **Application Details**

Application Notes:	MALS verified
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C

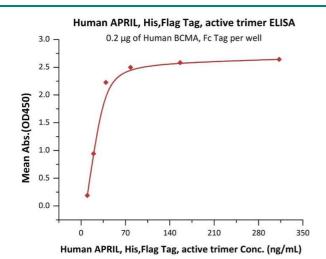
#### Images

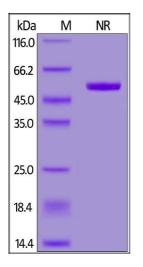


#### ELISA

Image 1. Immobilized Human APRIL, His,Flag Tag, activetrimer (ABIN6972945) at 1 μg/mL (100 μL/well) can bindHumanTACI/TNFRSF13B,FcTag(ABIN5674644,ABIN6253675) with a linear range of 0.8-25 ng/mL (Routinely tested).

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#### ELISA

**Image 2.** Immobilized Human BCMA, Fc Tag (ABIN2180645,ABIN2180644) at 2 µg/mL (100 µL/well) can bind Human APRIL, His,Flag Tag, active trimer (ABIN6972945) with a linear range of 10-39 ng/mL (QC tested).

#### SDS-PAGE

**Image 3.** Human APRIL, His,Flag Tag, active trimer on under ing (NR) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 %.

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