



# Human Anti-Human BAFF (belimumab biosimilar) Monoclonal antibody, clone belimumab (CABT-CS386)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	TNFSF13B
<b>Target</b>	TNFSF13B
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Human
<b>Species Reactivity</b>	Human
<b>Clone</b>	belimumab
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA
<b>Reconstitution</b>	Reconstitute with deionized water
<b>Format</b>	Powder
<b>Size</b>	50 µg, 100 µg
<b>Buffer</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
<b>Preservative</b>	0.1% Procline 300

**Storage**

Store at -20°C (Avoid repeated freezing and thawing)

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## BACKGROUND

**Introduction**

BAFF is a membrane bound cytokine expressed by B cell lineage cells. The soluble form of the cytokine binds to the receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. BAFF is a potent B cell activator, and important for the proliferation and differentiation of B cells. BAFF is also expressed by T lymphocytes and has been shown to promote T cell activation and survival. Isoforms representing alternatively spliced, and glycosylated variants have been identified.

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**Keywords**

TNFSF13B; BAFF; BLYS; CD257; DTL; TALL1; THANK; TNFSF20; ZTNF4; TALL-1

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## GENE INFORMATION

**Entrez Gene ID**

10673

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