



# Human Anti-Human TIGIT (vibostolimab biosimilar) Monoclonal antibody, clone vibostolimab (CABT-CS374)

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

## PRODUCT INFORMATION

<b>Specificity</b>	TIGIT
<b>Target</b>	TIGIT
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Humanized
<b>Species Reactivity</b>	Human
<b>Clone</b>	vibostolimab
<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**

TIGIT (also called WUCAM, Vstm3, VSIG9) is a receptor of the Ig superfamily, which plays a critical role in limiting adaptive and innate immunity. TIGIT participates in a complex regulatory network involving multiple IRs (eg, CD96/TACTILE, CD112R/PVRIG), one competing costimulatory receptor (DNAM-1/CD226), and multiple ligands (eg, CD155 (PVR/NECL-5), CD112 (Nectin-2/PVRL2)).

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**Keywords**

TIGIT; VSIG9; VSTM3

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## GENE INFORMATION

**Entrez Gene ID**

201633

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