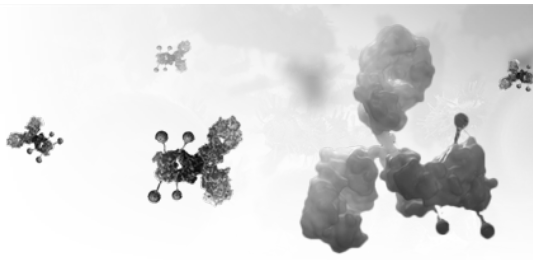

Human Anti-Human ICAM1 (bersanlimab biosimilar) Monoclonal antibody, clone bersanlimab (CABT-CS381)

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

PRODUCT INFORMATION

Specificity	ICAM1
Target	ICAM1
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	bersanlimab
Purification	Purified from cell culture supernatant by affinity chromatography
Conjugate	unconjugated
Applications	ELISA
Reconstitution	Reconstitute with deionized water
Format	Powder
Size	50 µg, 100 µg
Buffer	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative	0.1% Procline 300

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

BACKGROUND

Introduction	ICAM-1 (CD54) is an 85-110 kDa single-chain type 1 integral membrane glycoprotein with an extracellular domain of five immunoglobulin superfamily repeats, a transmembrane region and a cytoplasmic domain. ICAM-1 has 7 potential N-linked glycosylation sites and shares considerable amino acid sequence homology with ICAM-3 (CD50) and ICAM-2 (CD102). ICAM-1 binds to integrins of type CD11a/CD18 (leukocyte adhesion molecule, LFA-1), or CD11b/CD18 (Mac-1) and is exploited by Rhinovirus as a receptor. ICAM-1 is expressed by activated endothelial cells and detected on epithelial cells, fibroblasts, chondrocytes, B lymphocytes, T lymphocytes (low), monocytes, macrophages, dendritic cells and neutrophils, with lower levels that increase upon inflammation. ICAM-1 is also detected in some carcinoma and melanoma cells. Soluble ICAM-1 is detectable in the plasma and is elevated in patients with various inflammatory syndromes.
Keywords	ICAM1; BB2; CD54; P3.58

GENE INFORMATION

Entrez Gene ID	3383

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