



# Rabbit Anti-Human ICAM-2 monoclonal antibody, clone S133 (CABT-ZB517)

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

## PRODUCT INFORMATION

<b>Specificity</b>	It reacts with Human ICAM-2
<b>Target</b>	ICAM2
<b>Immunogen</b>	Recombinant Human ICAM-2/CD102 Protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	S133
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB517 - CABT-ZB887 This antibody will detect ICAM-2 in antibody pair set. [ABPR-ZB093]
<b>Preparation</b>	This antibody was obtained from a rabbit immunized with purified, recombinant Human ICAM-2/CD102.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	50 µL, 100 µL, 1 mL

Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

## BACKGROUND

**Introduction** Intercellular adhesion molecule 2 (ICAM-2, CD102), belongs to the ICAM family consisting of three members identified as ligands for integrin receptors. It is a type I transmembrane glycoprotein with two Ig-like C2-type domains and binds to the leukocyte integrins LFA-1 (CD11a/CD18) and Mac-1 (CD11b/CD18). As the second ligand of leukocyte function-associated antigen-1, ICAM-2 functions as a costimulatory molecule for effector cells. ICAM-2 is mainly expressed on vascular endothelial and hematopoietic cells. Interactions of ICAM-2 and the integrin receptors mediate cell adhesion in a wide range of lymphocyte, monocyte, natural killer cell, and granulocyte with other cells, and play important roles in many adhesion-dependent immune and inflammation responses, such as T cell aggregation, NK-cell cytotoxicity, and migration, lymphocyte recirculation, etc. Serum levels of ICAM-2 correlated significantly with the inflammatory and course sequences of trichinosis in mice and had a similar relationship with blood eosinophilia. So, estimation of ICAM-2 serum levels may prove useful in the diagnosis of trichinosis recent infections, and in monitoring the prognosis and response to treatment.

**Keywords** ICAM3; intercellular adhesion molecule 3; CD50; CDW50

## GENE INFORMATION

**Synonyms** ICAM3; intercellular adhesion molecule 3; CD50; CDW50; ICAM-R; ICAM-3; intercellular adhesion molecule-3

**Entrez Gene ID** [3385](#)

**UniProt ID** [P32942](#)