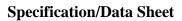
ReliaTech GmbH





Anti-Human CD102 (#7L4)



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.: 101-M287 Size: $100 \mu g$

Lot. No.: According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of CD102 extracellular domain (also called ICAM-2).

Target Background

Synonyms (Target):	ICAM2: CD102
by mony mis (Turget).	10.11.2, 0.0102

Intercellular adhesion molecule 2 (ICAM-2), also known as CD102, is a member of the immunoglobulin superfamily and binds the integrins LFA-1 (CD11a/CD18) and Mac-1 (CD11b/CD18). ICAM-2 is constitutively expressed at high levels on vascular endothelial cells and lymphohematopoietic cells. ICAM-2 mediated adhesion has been shown to provide a co-stimulatory signal for T cell aggregation, NK cytotoxicity and NK cell migration.

Database References Target

Protein RefSeq:	NP_001093256.1
Uniprot ID:	P13598
mRNA RefSeq:	NM_001099786.1

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#7L4)
Isotype	IgG1
Purification	Protein G chromatography
Antigen	Human recombinant CD102 EC domain
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human



AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

The antibody can be used within the following applications: WB

Recommended usage:

WB: 1:500-2000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!