

Datasheet for ABIN7320710

ICAM2 Protein (Fc Tag)

1 Image

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Overview

Quantity:	50 µg
Target:	ICAM2
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ICAM2 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse ICAM-2/CD102 Protein (Fc Tag)
Sequence:	Lys23-Gln222
Characteristics:	Recombinant Mouse Intercellular adhesion molecule 2 is produced by our Mammalian expression system and the target gene encoding Lys23-Gln222 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ICAM2
Alternative Name:	ICAM-2/CD102 (ICAM2 Products)
Background:	Background: ICAM-2 is a 55-65 kD transmembrane glycoprotein possessing 2 extracellular Ig domains, a single transmembrane domain, and a short 26-amino acid cytoplasmic domain.

Target Details

ICAM-2 is expressed on most leukocytes, and is strongly expressed on vascular endothelial 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 relation with blood eosinophilia. So, estimation of ICAM-2 serum levels may prove useful in diagnosis of trichinosis recent infections, and in monitoring the prognosis and response to treatment.

Synonym: Intercellular adhesion molecule 2, Icam2, ICAM-2, Lymphocyte function-associated AG-1 counter-receptor, CD102, Icam-2, CD102 antigen, Ly-60

Molecular Weight:	49.7 kDa
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NCBI Accession:	NP_034624
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Application Details

Restrictions:	For Research Use only
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Handling

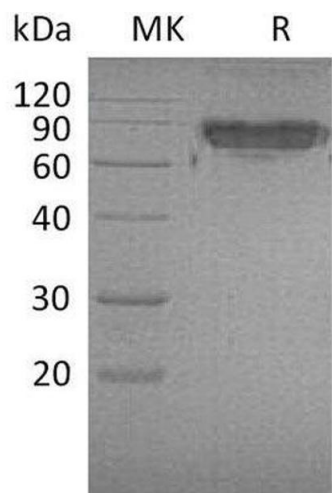
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 150 mM NaCl, pH 8.0.
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Western Blotting

Image 1.