

Product datasheet for **TA354412**

ICAM1 Rabbit Polyclonal Antibody

Product data:

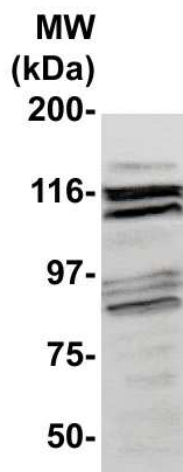
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein encoding aa 253-367 of human CD54.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	85~110 kDa
Gene Name:	intercellular adhesion molecule 1
Database Link:	NP_000192 Entrez Gene 3383 Human P05362
Background:	The CD54 antigen (ICAM-1) is an integral membrane glycoprotein of 85-110kDa with seven potential N-linked glycosylation sites. The cell surface glycoprotein is typically expressed on endothelial cells and the cells of the immune system, such as monocytes. It binds to integrins of type CD11a/CD18, or CD11b/CD18. Expression of the CD54 glycoprotein can be induced or upregulated on many cells types including B and T lymphocytes, thymocytes, fibroblasts, keratinocytes and epithelial cells. The CD54 antigen is important in mediating immune and inflammatory responses.
Synonyms:	BB2; CD54; P3.58
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane



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Protein Pathways: Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Natural killer cell mediated cytotoxicity, Viral myocarditis

Product images:



WB: The cell lysate derived from Raji was immunoblotted by the Rabbit anti-CD72 antibody at 1:500. An immunoreactive bands was observed around 45kDa.