

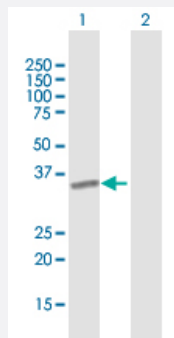
MaxPab®

ICAM4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003386-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ICAM4 expression in transfected 293T cell line ([H00003386-T01](#)) by ICAM4 MaxPab polyclonal antibody.

Lane 1: ICAM4 transfected lysate(29.92 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ICAM4 protein.
Immunogen	ICAM4 (NP_001034221.1, 1 a.a. ~ 272 a.a) full-length human protein.
Sequence	MGSLFPLSLLFFLAAAYPGVGSALGRRTKRAQSPKGSPLAPSGTSVPFWVRMSPEFVAVQPGK SVQLNCSNSCPQPQNSSLRTPLRQGKTLRGPGWVSYQLLDVRAWSSLAHCLVTCAGKTRWATS RITAYSVPGGLLGGDPEAWKPGHLFRKPGALHRPGSGQRDLDRVCCWTPRLLAARDLPRAPQ SRRPGGPQQLGTHYTDARLEPRAHSFGLRFHRCPCRDPPHCGRCVPMQVPSYEVPGVKGDVL CRLSEKKNMKGSGEMAIHGG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (59); Rat (67)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — ICAM4

Entrez GeneID	3386
GeneBank Accession#	NM_001039132.1
Protein Accession#	NP_001034221.1
Gene Name	ICAM4
Gene Alias	CD242, LW
Gene Description	intercellular adhesion molecule 4 (Landsteiner-Wiener blood group)
Omim ID	111250
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the Landsteiner-Wiener (LW) blood group antigen(s) that belongs to the immunoglobulin (Ig) superfamily, and that shares similarity with the intercellular adhesion molecule (ICAM) protein family. This ICAM protein contains 2 Ig-like C2-type domains and binds to the leukocyte adhesion LFA-1 protein. The molecular basis of the LW(A)/LW(B) blood group antigens is a single aa variation at position 100; Gln-100=LW(A) and Arg-100=LW(B). Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]
Other Designations	CD242 antigen Landsteiner-Wiener blood group antigen a Landsteiner-Wiener blood group glycoprotein intercellular adhesion molecule 4 intercellular adhesion molecule 4 (LW blood group)

Publication Reference

- [Apheresis causes complement deposition on red blood cells \(RBCs\) and RBC antigen alterations, possibly inducing enhanced clearance.](#)

de Back DZ, Nejjad SG, Beuger BM, Veldhuis M, Clifford E, Ait Ichou F, Berghuis J, Go M, Gouwerok E, Meinderts S, Vrielink H, de Kort W, de Korte D, van Kraaij M, van Bruggen R.

Transfusion 2018 Nov; 58(11):2627.

Application: Flow Cyt, Human, Red blood cells

- [Impaired adenosine-5'-triphosphate release from red blood cells promotes their adhesion to endothelial cells: a mechanism of hypoxemia after transfusion.](#)

Zhu H, Zennadi R, Xu BX, Eu JP, Torok JA, Telen MJ, McMahon TJ.

Critical Care Medicine 2011 Nov; 39(11):2478.

Application: Func, Mouse, Red blood cell

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