

## ICAM4 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00003386-B01P

規格 : [ 50 ug ]

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### 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:**  
 MGSFLFPLSLLFFLAAAYPGVGSALGRRTKRAQSPKGSPLAPSGTSVVPF  
 WVRMSPEFVAVQP GKSVQLNCSNSCPQPQNSLRTPLRQGKTLRGPG  
 WVSYQLLDVRAWSSLAHCLVTCAGKTRWATSRITAYSVPGLLGDDPE  
 AWKPGHLFRKPGALHRPGSGQRDLDRVCCWTPRLLAARDLPRAPQS  
 RRPGGPQQLGTHYTDARLEPRAHSFGLRFHRCPCRDPPHCGRCVPMQ  
 VPSYEVPGVKGDVLCRLSEKKNMKQSGEMAIHGG

**Host:** Mouse

**Reactivity:** Human

**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.

**MSDS:**  [Download](#)

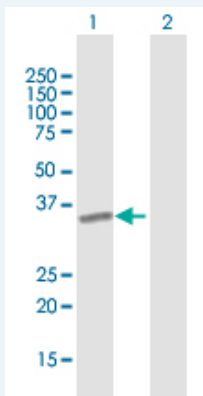
**Datasheet:**  [Download](#)

### Publication Reference

1. [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. Crit Care Med. 2011 Nov;39(11):2478-86. doi: 10.1097/ CCM.0b013e318225754f.

### Applications

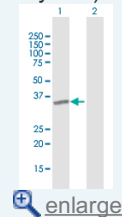
#### Western Blot (Transfected lysate)



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


### Application Image

#### Western Blot (Transfected lysate)



 [enlarge](#)

Lane 1: ICAM4 transfected lysate(29.92 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

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### Gene Information

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**Entrez GeneID:** [3386](#)

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**GeneBank** [NM\\_001039132.1](#)

**Accession#:**

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**Protein** [NP\\_001034221.1](#)

**Accession#:**

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**Gene Name:** ICAM4

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**Gene Alias:** CD242,LW

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**Gene Description:** intercellular adhesion molecule 4 (Landsteiner-Wiener blood group)

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**Omim ID:** [111250](#)

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**Gene Ontology:** [Hyperlink](#)

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**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]

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**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)

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