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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CD44 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00000960-B01P

規格 : [50 ug]

[List All](#)

Specification

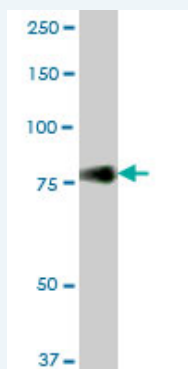
Product Description:	Mouse polyclonal antibody raised against a full-length human CD44 protein.
Immunogen:	CD44 (ENSP00000263398, 1 a.a. ~ 361 a.a) full-length human protein.
Sequence:	MDKFWWHAAWGLCLVPLSLAQIDLNITCRFAGVFHVEKNGRYSISRTEA ADLCKAFNSTLPTMAQMEKALSIGFETCRYGFIEGHVVIPRIHPNSICAANN TGVYILTSTNSQYDTYCFNASAPPEEDCTSVTDLPNAFDGPITITIVNRDG TRYVQKGEYRTNPEDIYPSNPTDDDVSSESSERSSTSGGYIFYTFSTV HPIPDEDSPWITDSTDRIPATRDQDTFHPSGGSHTTHGSESDGSHSGSQ EGGANTTSGPIRTPQIPEWLILASLLALALILAVCIAVNSRRRCGQKKLVI NSGNGAVEDRKPSSLNGEASKSQEMVHLVNKESSETPDQFMTAETRNL LQNVDKIGV
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. [CD44 Promotes Intoxication by the Clostridial Iota-Family Toxins.](#)
Wigelsworth DJ, Ruthel G, Schnell L, Herrlich P, Blonder J, Veenstra TD, Carman RJ, Wilkins TD, Van Nhieu GT, Pauillac S, Gibert M, Sauvonnnet N, Stiles BG, Popoff MR, Barth H. *PLoS One.* 2012;7(12):e51356. doi: 10.1371/journal.pone.0051356. Epub 2012 Dec 7.

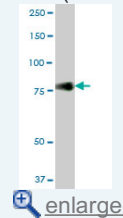
Applications

Western Blot (Tissue lysate)

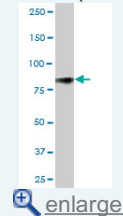


Application Image

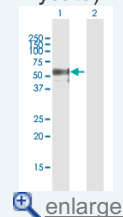
Western Blot (Tissue lysate)



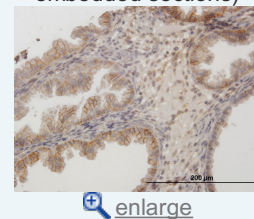
Western Blot (Cell lysate)




Western Blot (Transfected lysate)



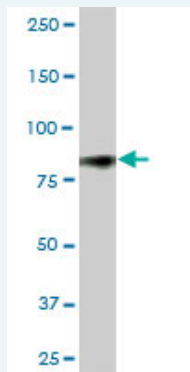
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



CD44 MaxPab polyclonal antibody. Western Blot analysis of CD44 expression in human spleen.

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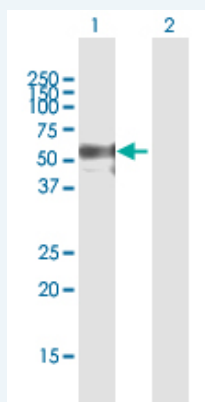
Western Blot (Cell lysate)



CD44 MaxPab polyclonal antibody. Western Blot analysis of CD44 expression in HepG2.

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Western Blot (Transfected lysate)



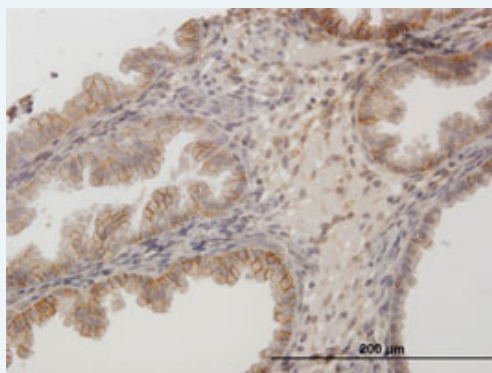
Western Blot analysis of CD44 expression in transfected 293T cell line ([H00000960-T01](#)) by CD44 MaxPab polyclonal antibody.


Lane 1: CD44 transfected lysate(39.71 KDa).

Lane 2: Non-transfected lysate.

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



 [enlarge this image](#)

Immunoperoxidase of [purified](#) MaxPab antibody to CD44 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 3 ug/ml]

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Gene Information

Entrez GeneID: [960](#)

GeneBank [NM_001001391.1](#)

Accession#:

Protein [ENSP00000263398](#)

Accession#:

Gene Name: CD44

Gene Alias: CDW44,CSPG8,ECMR-III,HCELL,IN,LHR,MC56,MDU2,MDU3,MGC10468,MIC4,MUTCH-I,Pgp1

Gene Description: CD44 molecule (Indian blood group)

Omim ID: [107269](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands, such as osteopontin, collagens, and matrix metalloproteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms, however, the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis. [provided by RefSeq]

Other Designations: CD44 antigen,CD44 antigen (homing function and Indian blood group system),CDW44 antigen,GP90 lymphocyte homing/adhesion receptor,Hermes antigen,antigen gp90 homing receptor,cell adhesion molecule,cell surface glycoprotein CD44,chondroitin sulfate proteogl

Gene Pathway

[ECM-receptor interaction](#) [Hematopoietic cell lineage](#)

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