



[Go to Product page](#)

Datasheet for ABIN514202

anti-CD44 antibody (AA 1-361)

4 Images

1 Publication

Overview

Quantity:	50 µg
Target:	CD44
Binding Specificity:	AA 1-361
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This CD44 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	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:	MDKFWWHAAW GLCLVPLSLA QIDLNITCRF AGVFHVEKNG RYSISRTEAA DLCKAFNSTL PTMAQMEKAL SIGFETCRYG FIEGHVVIPIR IHPNSICAA NNTGVYILTSN TSQYDITYCFN ASAPPEEDCT SVTDLPNAFD GPITITIVNR DGTRYVQKGE YRTNPEDIYP SNPTDDDVSS GSSSERSSTS GGYIFYTFST VHPIPEDDSP WITDSTD RIP ATRDQDTFHP SGGSHHTHGS ESDGHSHGSQ EGGANTTSGP IRTPQIPEWL IILASLLALA LILAVCIAVN SRRRCGQKKK LVINSGNGAV EDRKPSGLNG EASKSQEMVH LVNKESETP DQFMTADETR NLQNVDKIG V
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	CD44
Alternative Name:	CD44 (CD44 Products)
Background:	Full Gene Name: CD44 Molecule (Indian blood group) Synonyms: CDW44,CSPG8,ECMR-III,HCELL,IN,LHR,MC56,MDU2,MDU3,MGC10468,MIC4,MUTCH-I,Pgp1
Gene ID:	960
NCBI Accession:	NM_001001391
Pathways:	Glycosaminoglycan Metabolic Process , Autophagy , Negative Regulation of intrinsic apoptotic Signaling

Application Details

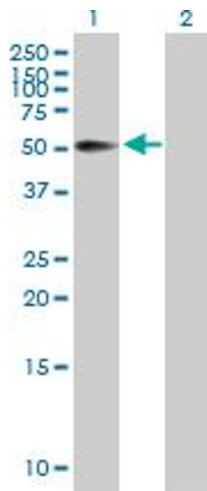
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Wigelsworth, Ruthel, Schnell, Herrlich, Blonder, Veenstra, Carman, Wilkins, Van Nhieu, Pauillac, Gibert, Sauvonnet, Stiles, Popoff, Barth: "CD44 Promotes intoxication by the clostridial iota-family toxins." in: PLoS ONE , Vol. 7, Issue 12, pp. e51356, (2012) (PubMed).
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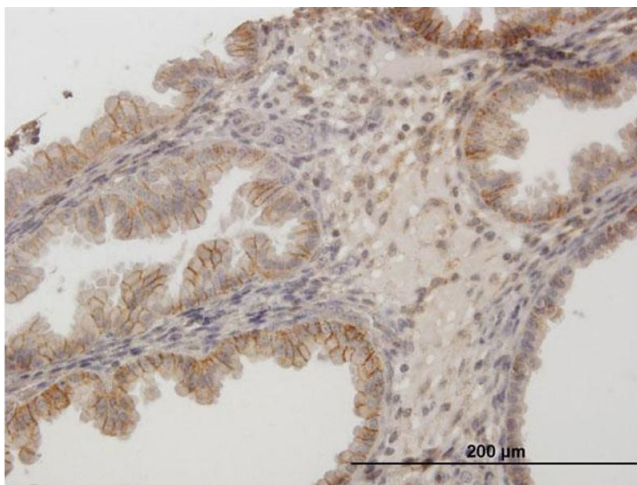


Western Blotting

Image 1. Western Blot analysis of CD44 expression in transfected 293T cell line by CD44 MaxPab polyclonal antibody.

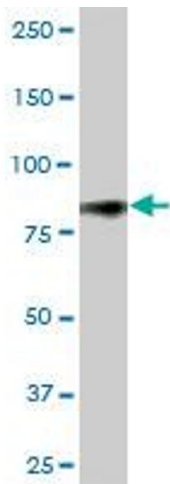
Lane 1: CD44 transfected lysate(39.71 kDa).

Lane 2: Non-transfected lysate.



Immunostaining

Image 2. Immunoperoxidase of purified MaxPab antibody to CD44 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 3 ug/ml]



Western Blotting

Image 3. CD44 MaxPab polyclonal antibody. Western Blot analysis of CD44 expression in HepG2.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN514202.