

Datasheet for ABIN514203
anti-CD44 antibody (AA 1-361)



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3 Images

Overview

Quantity:	100 µg
Target:	CD44
Binding Specificity:	AA 1-361
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD44 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Rabbit 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 IHPNSICAAN NTGVYILTSN TSQYDTYCFN ASAPPEEDCT SVTDLPNAFD GPITITIVNR DGTRYVQKGE YRTNPEDIYP SNPTDDDVSS GSSSERSSTS GGYIFYTFST VHPIPEDDSP WITDSTDRIPI ATRDQDTFHP SGGSHHTHGS ESDGHSHGSQ EGGANTTSGP IRTPIPEWL IILASLLALA LILAVCIAVN SRRRCGQKKK LVINSNGNAV EDRKPSGLNG EASKSQEMVH LVNKESETP DQFMTADETR NLQNVDMKIG 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

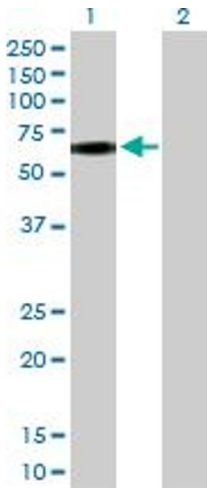
Application Details

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.

Images



Western Blotting

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

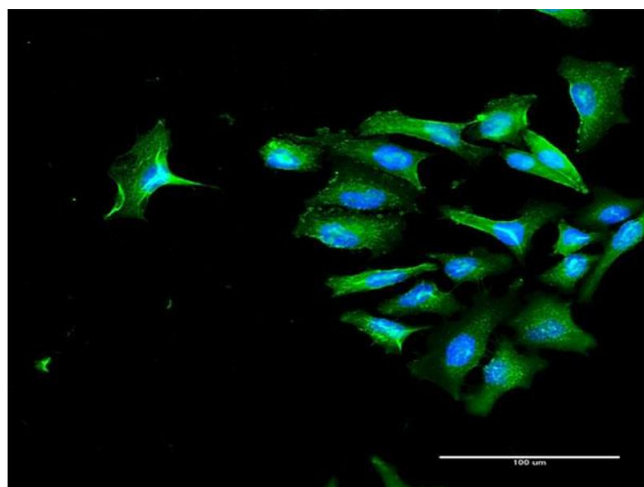
Lane 1: CD44 transfected lysate(39.40 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 2. CD44 MaxPab rabbit polyclonal antibody. Western Blot analysis of CD44 expression in human spleen.



Immunofluorescence

Image 3. Immunofluorescence of purified MaxPab antibody to CD44 on HeLa cell. [antibody concentration 30 ug/ml]