

Recombinant

DGRmAb®

CD44 (DGR14284) Rabbit mAb

db14136

Package : 10µL 20µL 50µL 100µL

Product Name : CD44 (DGR14284) Rabbit mAb**Cat.No.:** db14136**Synonyms :** IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CDW44; CSPG8; HCELL; HUTCH-I; ECMR-III**Application :** WB, IHC-P**Reactivity :** Human**Host species :** Rabbit**Background**

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, Jul 2008]

Immunogen

A synthetic peptide of human CD44

Gene ID

960

Swiss Prot

P16070

Synonyms

IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CDW44; CSPG8; HCELL; HUTCH-I; ECMR-III

Reactivity

Human

Application

WB, IHC-P

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:50-1:100

Calculated MW

82 kDa

Observed MW

82 kDa

Host species

Rabbit

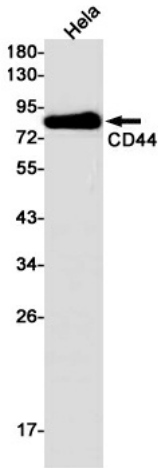
Clonality

Monoclonal

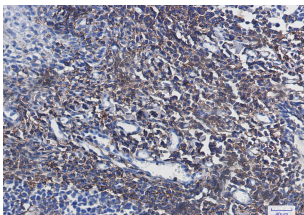
Clonality No.

DGR14284

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of CD44 in HeLa cell lysates using CD44 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human tonsil using db14136 antibody.