

Recombinant

DGRmAb®

**CD44 (DGR14284) Rabbit mAb (PBS Only)**

db14136-PBS

Package : 100µg

**Product Name :** CD44 (DGR14284) Rabbit mAb (PBS Only)**Cat.No.:** db14136-PBS**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

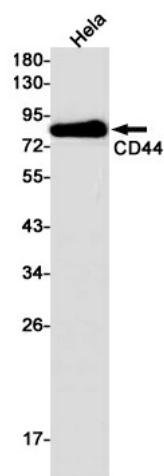
**Clonality**

Monoclonal

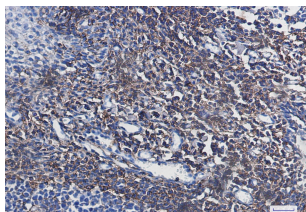
**Clonality No.**

DGR14284

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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](#)