

CD44 (2H12) Mouse mAb

db6337

Package : 50µL 100µL

Product Name : CD44 (2H12) Mouse mAb**Cat.No.:** db6337**Synonyms** : IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CDW44; CSPG8; HCELL; HUTCH-I; ECMR-III; CD44**Application** : WB, IP, ICC/IF, IHC-Fr, IHC-P**Reactivity** : Human**Host species** : Mouse**Background**

Receptor for hyaluronic acid (HA). Mediates cell-cell and cell-matrix interactions through its affinity for HA, and possibly also through its affinity for other ligands such as osteopontin, collagens, and matrix metalloproteinases (MMPs). Adhesion with HA plays an important role in cell migration, tumor growth and progression. Also involved in lymphocyte activation, recirculation and homing, and in hematopoiesis. Altered expression or dysfunction causes numerous pathogenic phenotypes. Great protein heterogeneity due to numerous alternative splicing and post-translational modification events.

Immunogen

Purified recombinant human CD44 protein fragments expressed in E.coli

Gene ID

960

Swiss Prot

P16070

Synonyms

IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CDW44; CSPG8; HCELL; HUTCH-I; ECMR-III; CD44

Reactivity

Human

Application

WB, IP, ICC/IF, IHC-Fr, IHC-P

Recommended dilutionWB: 1:500-1:1000
IHC: 1:50-1:100
ICC/IF: 1:50-1:200
IP: 1:20**Calculated MW**

82 kDa

Observed MW

82 kDa

Host species

Mouse

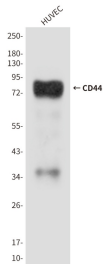
Clonality

Monoclonal

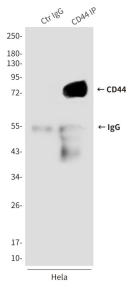
Clonality No.

2H12-E7-G7

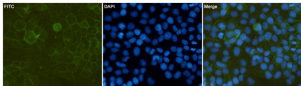
Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



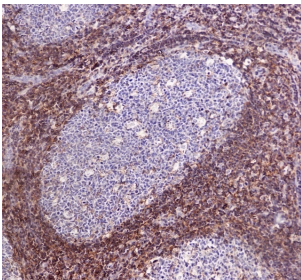
Western blot analysis of CD44 in HUVEC lysates using CD44 antibody.



Immunoprecipitation analysis of CD44 (2H12) in HeLa lysates using CD44 antibody.



Immunofluorescence analysis of CD44 (2H12) in HeLa cells using CD44 antibody(green),and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded Human tonsils using CD44 (2H12) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.