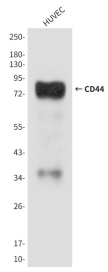
CD44 (2H12) Mouse mAb

db6337 **Package : 50μL 100μL**

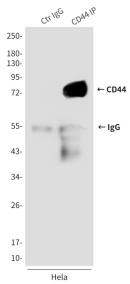
Product Name : CD44 (2H12) Mouse mAb
Cat.No.: db6337
Synonyms : IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CDW44; CSPG8; HCELL; HUTCH-I; ECMR-III; CD44
Application : WB, IP, ICC/IF, IHC-Fr, IHC-P
Reactivity : Human
Host species : Mouse

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 dilution	WB: 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

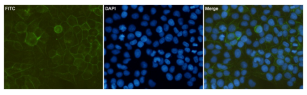
Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



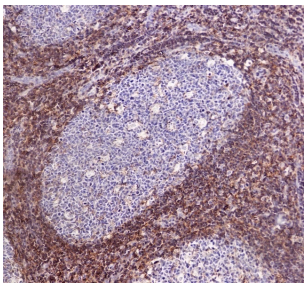
Western blot analysis of CD44 in HUVEC lysates using CD44 antibody.



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.