

Product Datasheet

CD44 (2H12) Mouse mAb

Catalog No: AB3395

Reactivity: Human

Isotype: Mouse IgG1

Applications: WB,IHC,ICC/IF,IP



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Information

UniProt ID: P16070

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

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 80kDa

Application

WB 1:500-1:1000

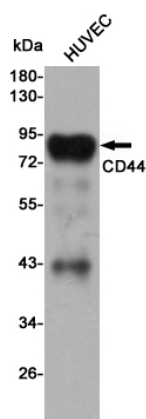
IHC 1:50-1:100

ICC/IF 1:50-1:200

IP 1:20

Background

Swiss-Prot Acc.P16070.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.



Western blot detection of CD44 in HUVEC cell lysates using CD44 mouse mAb(dilution 1:1000).Predicted band size:82kDa.Observed band size:80kDa.

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