

Product Datasheet

CD44 Antibody

Catalog No: CY5138

Reactivity: Human, Mouse

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



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Information

UniProt ID: P16070

All Names: CD44 antigen precursor, CDw44, ECMR-III, Epican, Extracellular matrix receptor-III, GP90 lymphocyte homing/adhesion receptor, HUTCH-I, Heparan sulfate proteoglycan, Hermes antigen, Hyaluronate receptor, LHR, PGP-1, Phagocytic glycoprotein I

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: Synthesized peptide

Molecular Wt.: 82kDa

Application

WB: 1:500~1:2000

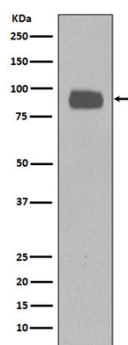
IHC: 1:50~1:200

ICC/IF: 1:50~1:200

FC: 1:50

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. In cancer cells, may play an important role in invadopodia formation. 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 analysis of extracts from TF-1 cells, using CD44 antibody.

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