

**CD44 (2H12) monoclonal antibody**

Catalog: MB3032

Host: Mouse

Reactivity: Human

**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.

**Product:**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Molecular Weight:**

Calculated MW: 82 kDa; Observed MW: 82 kDa

**Swiss-Prot:**

P16070

**Purification&Purity:**

Affinity Purified

**Applications:**

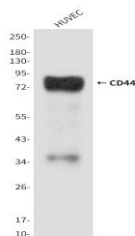
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200  
IP: 1/20

**Storage&Stability:**

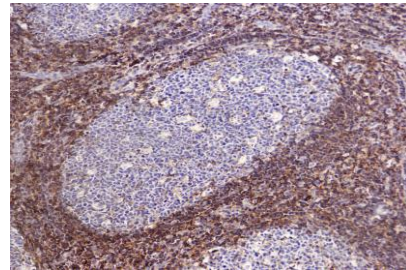
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

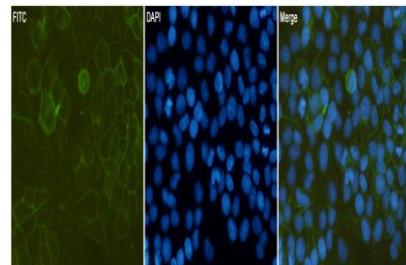
IgG1

**DATA:**

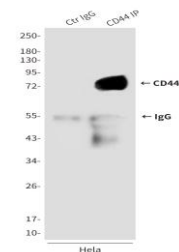
Western blot analysis of CD44 in HUVEC lysates using CD44 antibody.



Immunoprecipitation analysis of CD44 in HeLa lysates using CD44 antibody.



Immunofluorescence analysis of CD44 in HeLa cells using CD44 antibody, and DAPI



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

**Note:**

For research use only, not for use in diagnostic procedure.

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