

MAB134Hu22

Monoclonal Antibody to Chondroitin Sulfate Proteoglycan 4 (CSPG4)

Organism Species: *Homo sapiens* (Human)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG1 Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: 6#

Traits: Liquid

Concentration: 1mg/mL

UOM: 100µL

Cross Reactivity: N/A

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant CSPG4 (His559~Pro776) expressed in *E.coli*

Accession No.: RPB134Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

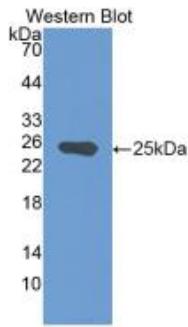
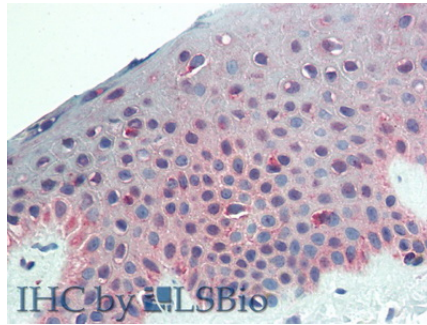
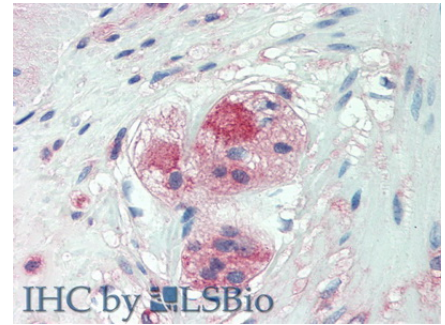


Figure. Western Blot; Sample: Recombinant MCSP, Human.



Vector Red staining on IHC-P;
Samples: Human Skin Tissue; Primary Ab: 20µg/ml Mouse Anti-Human MCSP Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Monoclonal Antibody



Vector Red staining on IHC-P;
Samples: Human Small Intestine Tissue;
Primary Ab: 20µg/ml Mouse Anti-Human MCSP Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Monoclonal Antibody

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.