

A3592

Leader in Biomolecular Solutions for Life Science



[KO Validated] NG2/CSPG4 Rabbit pAb

Catalog No.: A3592

KO Validated

4 Publications

Basic Information

Observed MW

250kDa-450kDa

Calculated MW

251kDa

Category

Mouse Monoclonal Antibody

Applications

WB, IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

A human melanoma-associated chondroitin sulfate proteoglycan plays a role in stabilizing cell-substratum interactions during early events of melanoma cell spreading on endothelial basement membranes. CSPG4 represents an integral membrane chondroitin sulfate proteoglycan expressed by human malignant melanoma cells.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

1464

Swiss Prot

Q6UVK1

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1340-1563 of human NG2/CSPG4 (NP_001888.2).

Synonyms

NG2; MCSP; MCSPG; MSK16; CSPG4A; HMW-MAA; MEL-CSPG; G4

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

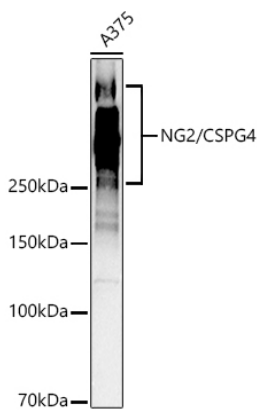
Affinity purification

Storage

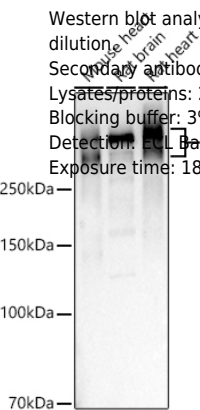
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

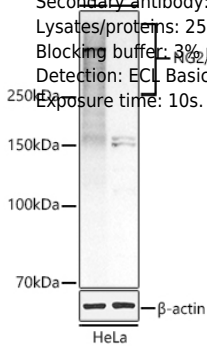
Validation Data



Western blot analysis of lysates from A375 cells, using [KO Validated] NG2/CSPG4 Rabbit pAb (A3592) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Western blot analysis of various lysates using [KO Validated] NG2/CSPG4 Rabbit pAb (A3592) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Western blot analysis of lysates from wild type (WT) and NG2/CSPG4 knockout (KO) HeLa cells, using [KO Validated] NG2/CSPG4 Rabbit pAb (A3592) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.