

Anti-Neural/glial antigen 2 (NG2) [9.2.27] Standard Size Ab00235-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 9.2.27

Alternative Name(s) of Target: CSPG4; melanoma chondroitin sulfate proteoglycan; MCSP; CSP

UniProt Accession Number of Target Protein: Q6UVK1

Published Application(s): IP, FC, IF

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing Balb/c mice with a 4M urea extract derived from human melanoma cells (M14).

Specificity: This antibody is specific for human neural/glial antigen 2.

Application Notes: This antibody binds to melanoma-associated chondroitin sulphate proteoglycan, which stabilises cell-substratum interactions during the early stages of melanoma spreading.

Antibody First Published in: Morgan et al. Production and characterization of monoclonal antibody to a melanoma specific glycoprotein. Hybridoma. 1981;1(1):27-36. [PMID:6208119](#)

Note on publication: The original publication details the production and characterization of a monoclonal antibody which recognizes a 240K dalton glycoprotein specific to melanoma cells.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.