

Datasheet for ABIN2689471
anti-Chondroitin Sulfate antibody



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Overview

Quantity:	0.1 mg
Target:	Chondroitin Sulfate (CS)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Chondroitin Sulfate antibody is un-conjugated
Application:	Immunoprecipitation (IP), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Brand:	BD Pharmingen™
Immunogen:	Extracts of Human M21 Melanoma Cells
Clone:	9-2-27
Isotype:	IgG2a
Characteristics:	The 9.2.27 monoclonal antibody specifically binds to CSPG4 (chondroitin sulfate proteoglycan 4). CSPG4 is also known as MCSP (melanoma chondroitin sulfate proteoglycan) and NG2 (neural/glial antigen 2). The hybridoma secreting the 9.2.27 antibody was generated using a human melanoma cell extract as the immunogen. Tumor cells display a variety of antigens which have been defined by antibodies. Antibodies that specifically react with tumor-associated antigens are useful in understanding the biology of particular tumor types. Proteoglycans including chondroitin sulfate, keratan sulfate, dermatan sulfate and heparan sulfate are major components of the extracellular matrices of many animal cell types.

Product Details

BD Pharmingen™ Purified Mouse Anti-Chondroitin Sulfate - Purified - Clone 9.2.27 - Isotype Mouse IgG2a - Reactivity Hu - 0.1 mg

Purification: The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

Target Details

Target: Chondroitin Sulfate (CS)

Alternative Name: Chondroitin Sulfate ([CS Products](#))

Background: Synonyms: CSPG4, NG2, Chondroitin sulfate proteoglycan 4, MCSP, MCSPG, MELCSPG, MSK16

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: Aqueous buffered solution containing ≤0.09 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store undiluted at 4°C.

Publications

Product cited in: Liu, Han, Li, Liu, Zhang, Li, Zhang: "MicroRNA-20a contributes to cisplatin-resistance and migration of OVCAR3 ovarian cancer cell line." in: **Oncology letters**, Vol. 14, Issue 2, pp. 1780-1786, (2017) ([PubMed](#)).