

P388 P388 | 305226

Description P388 is a mouse monoclonal antibody that recognizes the extracellular domain of the human CD44 protein. It is a murine IgG1 antibody that binds to the CD44 protein with a dissociation constant (K_d) of approximately 10⁻¹⁰ M. The antibody is produced in a murine hybridoma cell line and is purified by protein A affinity chromatography. It is available in a concentration of 10 mg/ml in PBS. The antibody is suitable for immunoprecipitation, Western blotting, and immunofluorescence. It is also suitable for immunization of mice to generate anti-CD44 antibodies. The antibody is a mouse IgG1 antibody that binds to the CD44 protein with a dissociation constant (K_d) of approximately 10⁻¹⁰ M. The antibody is produced in a murine hybridoma cell line and is purified by protein A affinity chromatography. It is available in a concentration of 10 mg/ml in PBS. The antibody is suitable for immunoprecipitation, Western blotting, and immunofluorescence. It is also suitable for immunization of mice to generate anti-CD44 antibodies.

Organism Mouse

Disease Rheumatoid arthritis, Osteoarthritis, Osteoporosis, Osteopenia, Osteomalacia, Osteoneogenesis imperfecta, Osteopetrosis, Osteoporosis, Osteopenia, Osteomalacia, Osteoneogenesis imperfecta, Osteopetrosis

Synonyms P-388

Breed/Subspecies C57BL/2

Gender Male

Cell type CD44⁺ B

Growth properties Adherent

Citation P388 (mouse monoclonal antibody 305226)

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_7222

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Culture Medium RPMI 1640 (2.0 mM Glucose, 2.0 mM NaHCO₃ (820700a))

Supplements 10% FBS

Subculturing

Freeze medium (10% FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 3 minutes.
 3. Resuspend cells in 10 ml of culture medium.
 4. Seed cells into a 300 x 300 mm flask at 70% confluency.
 5. Incubate cells for 15-18 hours.
 6. Seed cells into a 300 x 300 mm flask at 70% confluency.
 7. Incubate cells for 10 days.
 8. Harvest cells for analysis.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure

Shipping Conditions

