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Purified Anti-Human CD44 Antibody[P2A1]

catalog number: E-AB-F10380P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Immunogen Recombinant Human CD44 protein

Host Mouse

Isotype Mouse IgG2a, κ

Clone P2A1

Purification >98%, Protein A/G purified

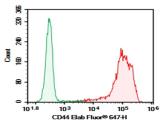
Buffer Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

Applications Recommended Dilution

FCM 2 μ g/mL(0.5×10⁶-1×10⁶ cells)

Data



Human peripheral blood lymphocytes were stained with 0.2 μg Purified Anti-Human CD44 Antibody[P2A1] (Right) and 0.2 μg Mouse IgG2a, κ Isotype Control (Left), followed by

Elab Fluor[®] 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /

thaw cycles.

Shipping Ice bag

Background

The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands, such as osteopontin, collagens, and matrix metalloproteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms, however, the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis.

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