

# Purified Anti-Human CD44 Antibody [P2A1]

AGEL5159

## Description

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This Purified Anti-Human CD44 Antibody [P2A1] is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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<b>SKU:</b>	AGEL5159
<b>Contents:</b>	25µg, 100µg, 1mg Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Clonality:</b>	Monoclonal
<b>Clone:</b>	P2A1
<b>Synonyms:</b>	CDW, MIC, CSPG, Phagocytic glycoprotein, MDU, Pgp, CDW44, CSPG8, ECMR-III, HCELL, HUTCH-I, IN, LHR, MC56, MDU2, MDU3, MIC4, Pgp1, CD44, CD44 antigen, Epican, PGP-1, PGP-I, Phagocytic glycoprotein 1, Phagocytic glycoprotein I, H-CAM, CD44v, Pgp-1, EMCR III, CD44s, BA-1, CD 44, CD44 molecule, CD44 molecule (Indian blood group), CD44v9, Cell surface glycoprotein CD44, chondroitin sulfate proteoglycan 8, Extracellular matrix receptor III, GP90 lymphocyte homing/adhesion receptor, hematopoietic cell E- and L-selectin ligand, Heparan sulfate proteoglycan, Hermes antigen, homing function and Indian blood group system, HSA, HUTCH1, Hyaluronate receptor, INLU-related p80 Glycoprotein, MGC10468, MUTCH1, Soluble CD44
<b>Applications:</b>	<b>FCM</b>
<b>Reactivity:</b>	Human
<b>Immunogen:</b>	Recombinant Human CD44 protein

## Antibody Data

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**Uniprot ID:** -

<b>Gene ID:</b>	-
<b>Swissprot:</b>	P16070
<b>Host Species:</b>	Mouse
<b>Isotype:</b>	Mouse IgG2a, κ
<b>Isotype Control:</b>	-
<b>Conjugation:</b>	-
<b>Conjugation Information:</b>	-
<b>Buffer:</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.
<b>Purification:</b>	>98%, Protein A/G purified
<b>Target:</b>	CD44
<b>Cellular Localization:</b>	-
<b>Tissue Specificity:</b>	-
<b>Verified Samples:</b>	Verified Samples in FCM: Human peripheral blood lymphocytes
<b>Concentration:</b>	≥ 1 mg/mL

## Preparation & Storage

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

**Shipping:** Ice bag

**Recommended Dilution:** FCM 2 µg/mL(0.5×10<sup>6</sup>-1×10<sup>6</sup> cells)

**Recommended Usage:**

Application	Recommended Usage
-	-

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:**

Centrifuge before opening to ensure complete recovery of vial contents.