

# Biotin Anti-Human/Mouse CD44 Antibody [IM7]

AGEL0365

## Description

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This Biotin Anti-Human/Mouse CD44 Antibody [IM7] 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>	AGEL0365
<b>Contents:</b>	100µg, 25µg Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Clonality:</b>	Monoclonal
<b>Clone:</b>	IM7
<b>Synonyms:</b>	MDU2MDU3MIC4, CD44, CD44 antigen, CDw44, Epican, LHR, PGP-1, PGP-I, Phagocytic glycoprotein 1, Phagocytic glycoprotein I
<b>Applications:</b>	<b>FCM</b>
<b>Reactivity:</b>	Human, Mouse
<b>Immunogen:</b>	-

## Antibody Data

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<b>Uniprot ID:</b>	P15379, P16070
<b>Gene ID:</b>	12505, 960
<b>Swissprot:</b>	P15379P16070
<b>Host Species:</b>	Rat
<b>Isotype:</b>	Rat IgG2b, κ
<b>Isotype Control:</b>	Biotin Rat IgG2b, κ Isotype Control[LTF-2]

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

<b>Conjugation:</b>	Biotin
<b>Conjugation Information:</b>	-
<b>Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
<b>Purification:</b>	-
<b>Target:</b>	CD44
<b>Cellular Localization:</b>	Membrane
<b>Tissue Specificity:</b>	-
<b>Verified Samples:</b>	-
<b>Concentration:</b>	0.5 mg/mL

## Preparation & Storage

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<b>Storage:</b>	This product can be stored at 2-8°C for 12 months. Do not freeze.
<b>Shipping:</b>	Ice bag
<b>Recommended Dilution:</b>	-

**Recommended Usage:**

Application	Recommended Usage
FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 1.0 µg per 10 <sup>6</sup> cells in 100 µL volume or 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

**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.