

PE/Cyanine5.5 Anti-Human/Mouse CD44 Antibody [IM7]

AGEL1286

Description

This PE/Cyanine5.5 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

SKU:	AGEL1286
Contents:	100µg, 25µg Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Clonality:	Monoclonal
Clone:	IM7
Synonyms:	MDU2MDU3MIC4, CD44, CD44 antigen, CDw44, Epican, LHR, PGP-1, PGP-I, Phagocytic glycoprotein 1, Phagocytic glycoprotein I
Applications:	FCM
Reactivity:	Human, Mouse
Immunogen:	-

Antibody Data

Uniprot ID:	P15379, P16070
Gene ID:	12505, 960
Swissprot:	P15379P16070
Host Species:	Rat
Isotype:	Rat IgG2b, κ
Isotype Control:	PE/Cyanine5.5 Rat IgG2b, κ Isotype Control[LTF-2]

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

Conjugation:	PE/Cyanine 5.5
Conjugation Information:	PE/Cyanine5.5 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 690 nm (e.g., a 690/50 nm bandpass filter).
Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Purification:	-
Target:	CD44
Cellular Localization:	Membrane
Tissue Specificity:	-
Verified Samples:	-
Concentration:	0.2 mg/mL

Preparation & Storage

Storage: This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.

Shipping: Ice bag

Recommended Dilution: -

Recommended Usage:

Application	Recommended Usage
FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10 ⁶ cells in 100 µL volume]

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.