

GenieFluor 488 Anti-Human/Mouse CD44 Antibody [IM7]

AGEL1288

Description

This GenieFluor 488 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:	AGEL1288
Contents:	100µg, 25µg Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Clonality:	Monoclonal
Clone:	IM7
Synonyms:	CD44 antigen, CD44, CDw44, Epican, Phagocytic glycoprotein 1, PGP-1, Phagocytic glycoprotein I, PGP-I, CD44, LHR, MDU2, MDU3, MIC4
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:	GenieFluor 488 Rat IgG2b, κ Isotype Control[LTF-2]
Conjugation:	GenieFluor488
Conjugation Information:	GenieFluor 488 is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 520 nm (e.g., a 525/40 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:	0.5 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/106 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.

