

## FITC Anti-Mouse/Human CD44 Antibody

<b>Catalog Number:</b>	202107, 202108
<b>Size:</b>	25 tests, 100 tests
<b>Target Name:</b>	CD44, Epican, Extracellular matrix receptor III (ECMR-III), Phagocytic glycoprotein 1 (PGP-1)
<b>Regulatory Status:</b>	RUO

### PRODUCT DETAILS

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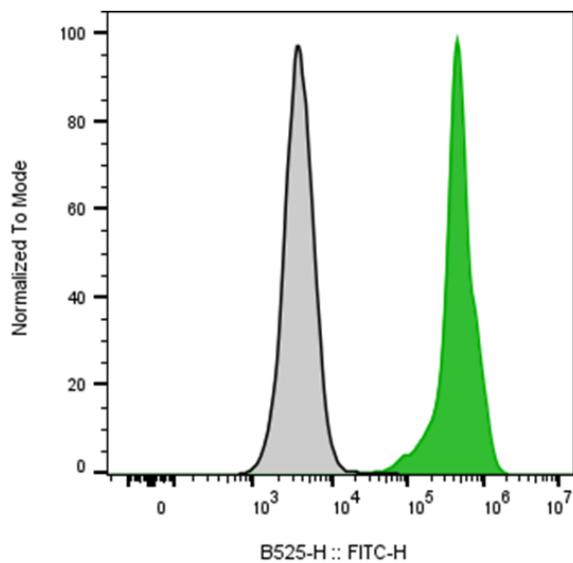
<b>Clone:</b>	IM7
<b>Application:</b>	Flow Cytometry
<b>Reactivity:</b>	Mouse
<b>Format:</b>	FITC
<b>Isotype:</b>	Rat IgG2b
<b>Antibody Type:</b>	Monoclonal
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
<b>Protein Concentration:</b>	Supplied at a lot-specific concentration.
<b>Storage&amp;Handling:</b>	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
<b>Recommended Usage:</b>	For flow cytometric staining, it is recommended to use 5 uL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.
<b>Excitation Laser:</b>	Blue Laser (488 nm)

### BACKGROUND INFORMATION

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CD44 is an 80–100 kDa type I transmembrane glycoprotein and a member of the cell adhesion molecule family. It acts as a receptor for hyaluronic acid (HA) and mediates cell-cell interactions, adhesion, migration, and signal transduction. CD44 exists in multiple isoforms generated through alternative splicing, which contributes to its functional diversity.

## PRODUCT DATA



Human peripheral blood lymphocytes stained with either FITC Anti-Mouse/Human CD44 Clone IM7 (color-filled histogram) or an isotype control (gray histogram).

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