

## CD44 antibody [IM7] (FITC)

Cat. No. GTX80087

|              |  |
|--------------|--|
| Host         | Rat  |
| Clonality    | Monoclonal   |
| Isotype      | IgG3b  |
| Applications | FCM  |
| Reactivity   | Human, Mouse, Cat, Dog, Pig, Baboon, Chimpanzee, Cynomolgus monkey, Horse, Rhesus Monkey |

References ( 4 )

Package

100 µg

## PRODUCT

## Summary

The IM7 antibody recognizes CD44, a ubiquitously expressed cell surface receptor which is important for extracellular matrix organization, cell-cell and cell-matrix adhesion and migration. CD44 may be expressed in a number of different isoforms (splice variants) from the most typical or "standard" form, known as CD44s, to variants designated CD44v, e.g. CD44v1 or CD44v6. These receptors interact with several ligands, but most often associate with an extracellular matrix component hyaluronate, through which it mediates adhesion.

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| FCM                | Assay dependent      |

Not tested in other applications.

**Product Note** This antibody reacts with all isoforms of mouse CD44.

## Properties

|               |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | 10mM NaH <sub>2</sub> PO <sub>4</sub> , 150mM NaCl, 0.1% Gelatin   |
| Preservative  | 0.09% Sodium azide   |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light. |
| Concentration | 0.5 mg/ml (Please refer to the vial label for the specific concentration.)   |
| Immunogen     | Dexamethasone-induced cells of the SJL mouse spontaneous myeloid leukemia M1   |
| Purification  | Purified by affinity chromatography<br>From tissue culture supernatant   |
| Conjugation   | Fluorescein isothiocyanate (FITC) <a href="#">Wavelength</a>   |

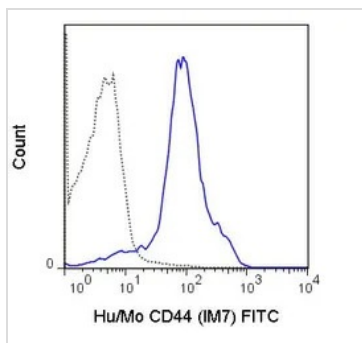


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**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTx80087 FCM Image**

FACS analysis of C57Bl/6 splenocytes using GTx80087 CD44 antibody [IM7] (FITC).

Solid line : Primary antibody

Dashed line : FITC rat IgG2b isotype control

Antibody amount : 0.5 µg



For full product information, images and publications, please visit our [website](https://www.genetex.com).