

CD44 antibody [IM7] (FITC)

Cat. No. GTX80087

Host	Rat
Clonality	Monoclonal
Isotype	IgG3b
Application	FACS
Reactivity	Human, Mouse, Cat, Dog, Pig, Baboon, Chimpanzee, Cynomolgus monkey, Horse, Rhesus Monkey

Reference (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.

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
FACS	Assay dependent
Not tested in other applications.	
Calculated MW	82 kDa. (Note)
Product Note	This antibody reacts with all isoforms of mouse CD44.

PROPERTIES

Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 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 From tissue culture supernatant
Conjugation	Fluorescein isothiocyanate (FITC)



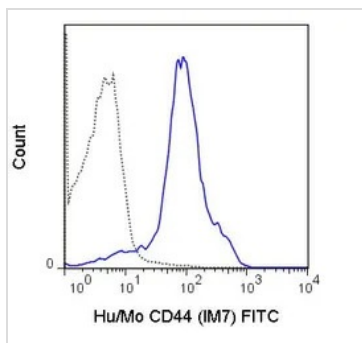
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Note

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 FACS 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 μ g



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