

LE/AF Purified Anti-Mouse/Human CD44 Monoclonal Antibody



天津三箭生物技术股份有限公司
Tianjin Sungene Biotech Co., Ltd.
精准 高效 稳定 Precision Efficient Stable

| Catalog Number | Vial Size |
|----------------|-----------|
| MH10441-14B | 50 µg |
| MH10441-14E | 500 µg |
| MH10441-14F | 1 mg |

| | |
|----------------|---|
| Market | 400-621-0003 marketing@sungenebiotech.com |
| Support | 022-66211636-8024 techsupport@sungenebiotech.com |
| Web | www.sungenebiotech.com |

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.
This product is guaranteed up to one year from purchase.

Purified Antibody Characterization

| Clone | Isotype | Reactivity |
|-------|-----------|-------------|
| IM7 | Rat IgG2b | Mouse/Human |

Description

CD44 is a 80-95 kD glycoprotein also known as Hermes, Pgp1, H-CAM, or HUTCH. It is expressed on all leukocytes, endothelial cells, hepatocytes, and mesenchymal cells. As B and T cells become activated or progress to the memory stage, CD44 expression increases from low or mid-levels to high levels. Thus, CD44 has been reported to be a valuable marker for memory cell subsets. High CD44 expression on Treg cells has been associated with potent suppressive function via high production of IL-10. CD44 is an adhesion molecule involved in leukocyte attachment to and rolling on endothelial cells, homing to peripheral lymphoid organs and to the sites of inflammation, and leukocyte aggregation.

Reported Applications

This IM7 antibody has been reported for use in Enzyme-linked Immunosorbent Assay, Immunohistochemical, Immunoprecipitation and Flow Cytometric Analysis. It has also been reported for use in cell stimulation and Complement Mediated Cell Depletion.

Product Information

Production Method: Stirred tank fermentation

Medium: Hybridoma-SFM + 1%FCS + Gln + Gluc + P/S

Purification Method: Protein G

Concentration: 1 mg/ml

Endotoxin: < 2.00 EU/mg (LAL)

Purity: >95% (by SDS-PAGE)

Sterile: 0.2 µm Filtration

Formulated: PBS, pH7.2

Storage: Keep as concentrated solution. Store at 4°C as an undiluted liquid. For extended storage aliquot contents and freeze at -20°C or lower. Avoid cycles of freezing and thawing.

For Research Use Only.