

anti-human/ -mouse CD44 no azide

Monoclonal Antibody IM7 to CD44 (human and mouse)

Cat-No: **21850440**

100 µg in 100 µl

Clone: IM7

Specificity: The IM7 monoclonal antibody reacts with all isoforms of mouse CD44 (Pgp-1). CD44 is expressed by hematopoietic and non-hematopoietic cells. Bone marrow myeloid cells and memory T cells highly express this antigen and peripheral B and T cells can upregulate the expression of CD44. CD44 functions as an adhesion molecule through its binding to hyaluronate, an extracellular matrix component.

Species Reactivity: Human, Mouse, Canine (Dog), Equine (Horse), Feline (Cat)

Isotype subclass: Rat IgG2b

Physical state: Liquid

Buffer/Additives/Preservative: sterile PBS (pH 7.2).

Form: Purified via Protein G chromatography

Purity: > 95% (by SDS-PAGE)

Expiration date: The reagent is stable until the expiry date stated on the vial label.

Storage conditions: Aliquot and store at -20°C. Avoid freeze/thaw cycles.
Should be handled under aseptic conditions.

Application: functional application

References:

- 1.) Lesley, J. and I. S. Trowbridge 1982. Genetic characterization of a polymorphic murine cell-surface glycoprotein. Immunogenetics 15(3): 313-20.
- 2.) Maiti A, Maki G, Johnson P. TNF-alpha induction of CD44-mediated leukocyte adhesion by sulfation. Science. 1998. Oct 30;282(5390):941-3.

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