

Product Datasheet

Anti-CD44 [Hermes-1] (orb613886)

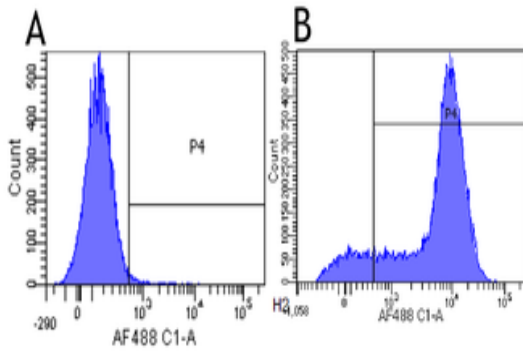
Description	Rat monoclonal antibody to CD44
Species/Host	Rat
Reactivity	Bovine, Goat, Human, Mouse, Primate, Rabbit, Rat, Sheep
Conjugation	Unconjugated
Tested Applications	Blocking, ELISA, FC, ICC, IF, IHC, IP, NeA, WB
Immunogen	This antibody was produced by immunizing a Fischer rat with human tonsil lymphocytes (10^7 cells intraperitoneally in Freund's complete adjuvant). A boost was given 2 weeks later (intravascularly in saline).
Target	CD44
Preservatives	PBS with 0.02% Proclin 300.
Concentration	1 mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Isotype	IgG2a
Clonality	Monoclonal
Clone Number	Hermes-1
Purity	Purified
Uniprot ID	P16070
Expiration Date	12 months from date of receipt.

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Flow-cytometry using anti-CD44 antibody Hermes-1 Human activated T lymphocytes were stained with an isotype control (orb256390, panel A) or the rabbit-chimeric version of Hermes-1 (orb613885, panel B) at a concentration of 1 $\mu\text{g/ml}$ for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.

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