Purified Anti-Rat CD44H Antibody[OX-49]

catalog number: **E-AB-F1225A**

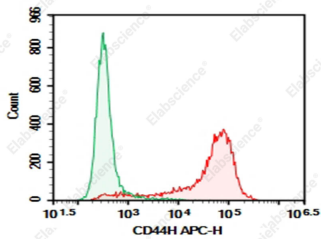
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Rat
Immunogen	Recombinant Rat CD44H protein
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone	OX-49
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications	Recommended Dilution
FCM	≤ 0.2 μg per million cells in 100 μL volume

Data



Rat splenocytes were stained with 0.2 μg Purified Anti-Rat CD44H Antibody[OX-49] (Right) and 0.2 μg Mouse IgG2a, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The OX-49 antibody reacts with the glycoprotein CD44H (also known as CD44s) expressed on most leukocytes, except for a subset of B lymphocytes, and at greatly increased levels on T- and B-cell blasts. The epitope recognized by OX-49 antibody has been mapped to a region on both the standard, CD44s, and the splice variant, CD44v, isoforms of CD44. However, recent reports indicate that OX-49 antibody cannot detect the CD44v isoform, possibly due to conformational changes in the epitope. CD44 is a cell adhesion receptor, and its ligand, hyaluronate, is a common component of extracellular matrices.

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