



MagIso™ CD90.2 Cell Isolation Kit, Mouse

Cat.No: WHK-B010

DESCRIPTION

Description Mouse CD90.2+ cells are either selected or depleted by incubating the sample with biotin conjugated anti-mouse CD90.2 antibody followed by streptavidin magnetic nanoNanoparticles. The magnetically labeled antibody is pulled out by the use of a magnetic separator. After collection of the CD90.2+ expressing cells, downstream applications include functional assays, gene expression, phenotypic characterization, etc. These magnetic nanoparticles can be used with both free standing magnets and column-based systems.

APPLICATION

Application Notes Mouse CD90.2 positive selection
Designed for the positive selection or depletion of mouse CD90.2+ cells from lymphoid tissue.

KIT COMPONENTS

Kit Components	Kit Components	Quantity	Storage
	Streptavidin magnetic nanoparticles	200 µL-20 tests/2x 1 mL-200 tests	2-8 °C
	Biotin anti-Mouse CD90.2 antibody (clone 30-H12)	200 µL-20 tests/2x 1 mL-200 tests	2-8 °C

PRODUCT INFORMATION

Particle Size	130 nm
Ligand	Streptavidin
Sample Type	Lymphoid tissue
Target Molecule	CD90.2
Reactivity	Mouse

STORAGE AND SHIPPING

Storage Buffer Biotin-antibody: phosphate buffer solution containing 0.09% sodium azide, pH 7.2.
Streptavidin magnetic nanoparticles: aqueous solution containing 0.05% sodium azide and 0.3% BSA.