

Absolute Mag™ Anti-Mouse IgG (Fc) Magnetic Particles, Ferromagnetic, 4.0-4.5 µm

Cat.No: WHM-S129

DESCRIPTION

Description

Absolute Mag™ Anti-Mouse IgG (Fc) Magnetic Particles, Ferromagnetic, 4.0-4.5 µm (# WHM-S129) are prepared using chromium dioxide coated onto uniform polystyrene particles. These particles retain magnetism once exposed to a magnetic field. The goat anti-mouse IgG (Fc) coated particles bind to the heavy chains of mouse IgG subclasses at the Fc region; thus, orientating the Fab fragments for optimal antigen binding. The beads contain two orders of magnitude higher magnetic moments than paramagnetic particles and can be incubated with biological cells during phagocytosis assays. The beads are useful in immunoassay, cell isolation, mechanotransduction studying, etc.

APPLICATION

Application Notes

- Provides a means to measure forces applied to a specimen through specific receptors proteins.
- Aids in the development of magnetic systems designed to apply forces or force patterns.

PRODUCT INFORMATION

Particle Size	4.0-4.5 µm
Ligand	Goat Anti-Mouse IgG (Fc) Antibody
Concentration	1.0% w/v
Type Magnetization	Ferromagnetic
Matrix	Polystyrene

Target Molecule	IgG
Clonality	Polyclonal
Reactivity	Mouse
Host/Isotype	Goat
Antibody Fragment	Fc Fragment

STORAGE AND SHIPPING

Storage Buffer	Phosphate Buffer, pH 7.4, 0.02% NaN ₃ (some products also contain 0.1% BSA).
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