

CD 11b 250 nm Magnetic Particles Specification Sheet

Catalog #:	cd11b 250 Clone ICRF44[44], Isotype Mouse IgG ₁ , k
Core of particles:	Magnetite Fe ₃ O ₄
Mg. Fe/ml	0.5
Particle Shape/Size:	Irregular shaped particles composed of 10 nm crystals. 175 nm size ±10%
Density:	1.0016 g/cc
Surface Area:	> 4.8 m ² /gram
# Of particles:	>10 ¹³ particles/gram
Coating on Core:	Dextran
SUSPENSION:	10 mM Phosphate pH 7.5 with 0.02% Sodium Azide .
Specificity of Ligand:	Reacts with the 165kDa adhesion glycoprotein [Mac-1, integrin alpha M subunit] which associates with the 95kDa integrin B ₂ [CD18] to form the CD11b/CD18 complex. This complex is expressed on activated lymphocytes, granulocytes, monocytes and a subset of NK cells
Shelf Life:	7 months with PBS/Azide suspension. Do not freeze.
Use:	These particles are intended for Research use only.