# -online.com antibodies







### Mouse MDSC Flow Cocktail 2

**Images** 



#### Overview

Quantity:	25 tests
Reactivity:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Isotype Control (IsoC)

#### **Product Details**

#### Characteristics:

This mouse MDSC Flow Cocktail 2 is composed of CD11b, Ly-6C, and Ly-6G antibodies. MDSCs are a heterogenous population of cells that can affect T cell function. Two different subsets of MDSC exist: CD11b+Ly-6G +Ly-6Clow (granulocytic MDSC) and CD11b+Ly-6G-Ly-6Chi (monocytic MDSC). These cells have been identified in a variety of pathological conditions including cancer and autoimmune disease. CD11b: CD11b is a 170 kD glycoprotein also known as aM integrin, Mac-1 a subunit, Mol, CR3, and Ly-40. CD11b is a member of the integrin family, primarily expressed on granulocytes, monocytes/macrophages, dendritic cells, NK cells, and subsets of T and B cells. CD11b non-covalently associates with CD18 (β2 integrin) to form Mac-1. Mac-1 plays an important role in cell-cell interaction by binding its ligands ICAM-1 (CD54), ICAM-2 (CD102), ICAM-4 (CD242), iC3b, and fibrinogen. Ly-6G: Lymphocyte antigen 6 complex, locus G (Ly-6G), a 21-25 kD GPI-anchored protein, is expressed on the majority of myeloid cells in bone marrow and peripheral granulocytes. Ly-6C: Most hematopoietic cells express one or more members of Ly-6 family. The expression of Ly-6 varies with development stage and activation. Ly-6C is a 14-17 kD GPI-linked surface protein expressed on mouse monocyte/macrophage cells, endothelial cells, neutrophils, and some T cell subsets. Ly-6C is reported to be an indicator of memory CD8+ T cells.

Components:

Mouse MDSC Flow Cocktail 2 with Isotype Ctrl, Rat IgG2a/Rat IgG2b/Rat IgG2c, kappa, Clone:

#### M1/70/1A8/HK1.4 25 tests

# **Application Details**

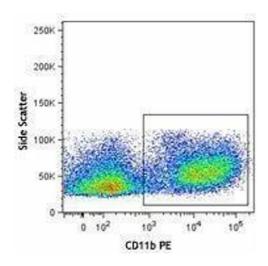
Application Notes:	Optimal working dilution should be determined by the investigator., This reagent is a multicolor
	cocktail of PE conjugated CD11b (clone M1/70), FITC conjugated Ly-6G (clone 1A8) and APC
	conjugated Ly-6C (clone HK1.4) at optimal concentration for three-color flow cytometric
	analysis.

Restrictions: For Research Use only

# Handling

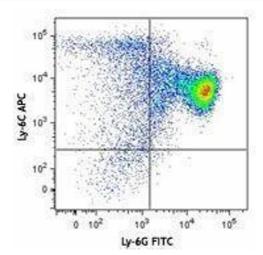
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

### **Images**



# Flow Cytometry

Image 1.



## Flow Cytometry

Image 2.