

**Product Specification Sheet**

Cat. #MA-30023

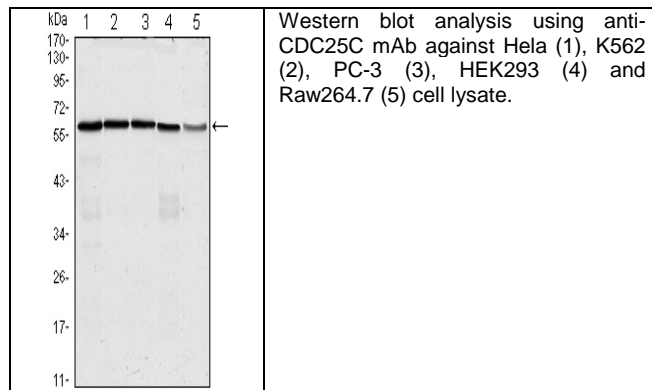
Mouse Monoclonal Anti human colony stimulating factor (CSF) 2; Ascites

SIZE : 100 ul

The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. This gene has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstitial deletions in the 5q-syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13.

**Source of Antigen and Antibodies**

<b>Antigen</b>	Purified recombinant fragment of human CSF2 (aa18-144) expressed in E. Coli.
<b>Ab Host/type</b>	Balb/c mouse. IgG1 Ascetic fluid containing 0.05% sodium azide.
<b>2-Ab</b>	Goat Anti-mouse IgG-HRP conjugate Cat # 40320 (AP, biotin, FITC conjugates also available)
<b>-ve control IgG</b>	Cat # 20008-1, Mouse (non-immune) Serum IgG, purified, suitable for ELISA, Western, IHC as -ve control



**References:**

Cancer Cell. 2007 ;11(3):275-89. Int J Biochem Cell Biol. 2007;39(9):1707-13.  
\*All products are for *In vitro* research use only.

**Related material available from ADI**

MA-30023

120402A

**Isotype controls:**

Catalog#	Product Description
20102-101	Mouse IgG1 isotype control, purified
20102-101-APC	Mouse IgG1-APC conjugate (isotype control)
20102-101-B	Mouse IgG1-Biotin conjugate (isotype control)
20102-101-F	Mouse IgG1-FITC conjugate (isotype control)
20102-101-FP	Mouse IgG1-FITC-PE conjugate (isotype control)
20102-101-HP	Mouse IgG1-HRP conjugate (isotype control)
20102-101-PC5	Mouse IgG1-PE-Cy5 conjugate (isotype control)
20102-101-PE	Mouse IgG1-PE conjugate (isotype control)

**Suggested Dilutions:**

Western blot	1:500 – 1:2000
Immunohistochemistry (IHC):	N/A
Immunocytochemistry (ICC):	N/A
Flow cytometry (FCM):	N/A
ELISA	1:5000 – 1:100000

**Form:** Antibodies are supplied in PBS, pH 7.5, 0.05% azide and 0.1% BSA in liquid (0.5-1 mg/ml) or lyophilized in the same buffer. Reconstitute powder in 100 ul water or PBS. Store at -20°C or below is suitable size Aliquotes.

**Shipping:** 4°C for solutions and room temp for powder.