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CD11C

Purified Mouse Monoclonal Antibody
Catalog # AO2740a

Product Information

Application	WB, IHC, ICC, E
Primary Accession	P20702
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	6G2D1
Isotype	Mouse IgG1
Calculated MW	127829
Immunogen	Purified recombinant fragment of human CD11C (AA: extra 102-279) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	3687
Other Names	ITGAX; SLEB6
Dilution	WB~~ 1/500 - 1/2000 IHC~~1:100~500 ICC~~N/A E~~ 1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CD11C is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ITGAX (HGNC:6152)
Synonyms	CD11C
Function	Integrin alpha-X/beta-2 is a receptor for fibrinogen. It recognizes the sequence G-P-R in fibrinogen. It mediates cell-cell interaction during inflammatory responses. It is especially important in monocyte adhesion and chemotaxis. Functions as a receptor of the erythrocyte-specific adhesion molecule ICAM4 and mediates erythrophagocytosis (PubMed:16985175).
Cellular Location	Cell membrane; Single-pass type I membrane protein

Tissue Location	Predominantly expressed in monocytes and granulocytes

References

1.World J Gastroenterol. 2015 Aug 21;21(31):9403-12.2.Am J Clin Pathol. 2010 Aug;134(2):271-7.

Images

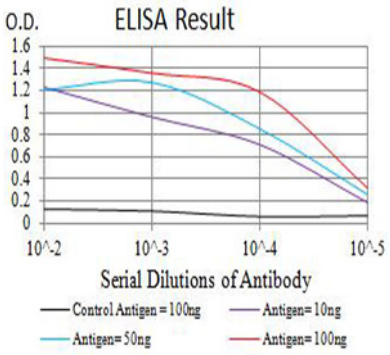


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

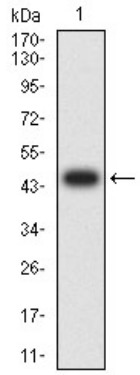


Figure 2:Western blot analysis using CD11C mAb against human CD11C (AA: extra 102-279) recombinant protein. (Expected MW is 46 kDa)

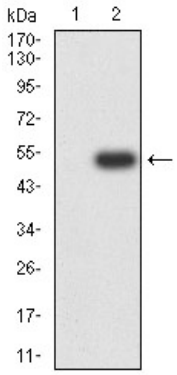
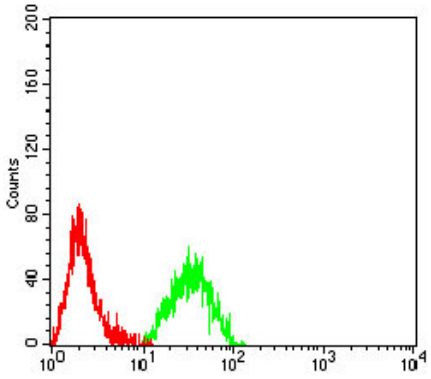


Figure 3:Western blot analysis using CD11C mAb against HEK293 (1) and CD11C (AA: extra 102-279)-hIgGFc transfected HEK293 (2) cell lysate.

Figure 4:Flow cytometric analysis of Raji cells using CD11C mouse mAb (green) and negative control (red).



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.