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CD11C
Purified Mouse Monoclonal Antibody
Catalog # AO2740a

Specification

CD11C - Product Information

Application	**E, WB**
Primary Accession	P20702
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse IgG1**
Calculated MW	**127.8kDa KDa**

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

CD11C - Additional Information

Gene ID 3687

Other Names
ITGAX; SLEB6

Dilution
E~~ 1/10000
WB~~ 1/500 - 1/2000

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.

CD11C - Protein Information

Name ITGAX

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.

Cellular Location
Membrane; Single-pass type I membrane protein.

Tissue Location
Predominantly expressed in monocytes and granulocytes

CD11C - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CD11C - Images

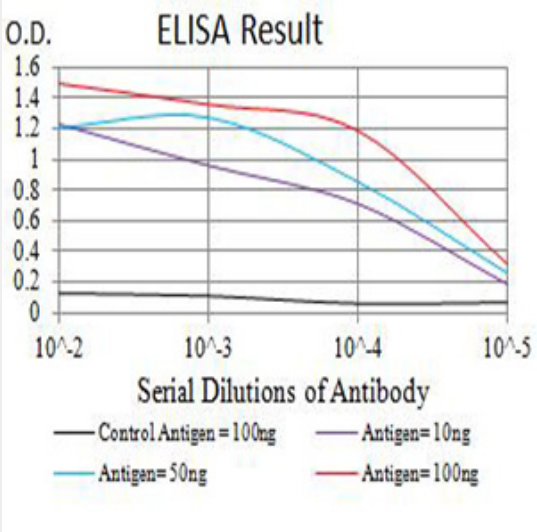

Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

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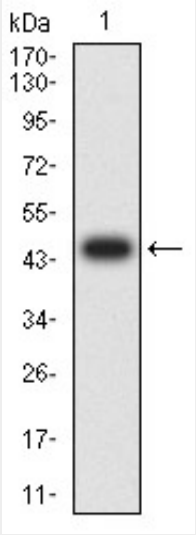

Figure 2:Western blot analysis using CD11C mAb against human CD11C (AA: extra 102-279) recombinant protein. (Expected MW is 46 kDa)

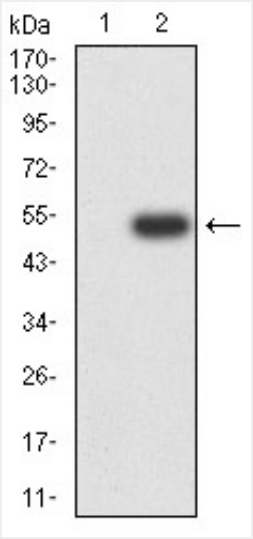

Figure 3:Western blot analysis using CD11C mAb against HEK293 (1) and CD11C (AA: extra 102-279)-hIgGFc transfected HEK293 (2) cell lysate.

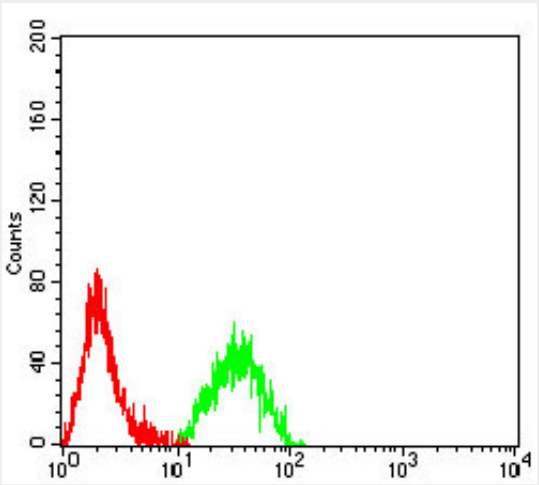

Figure 4:Flow cytometric analysis of Raji cells using CD11C mouse mAb (green) and negative

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control (red).

CD11C - References

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