

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 Cytometry](#)
- [Cell Culture](#)

CD11C - Images

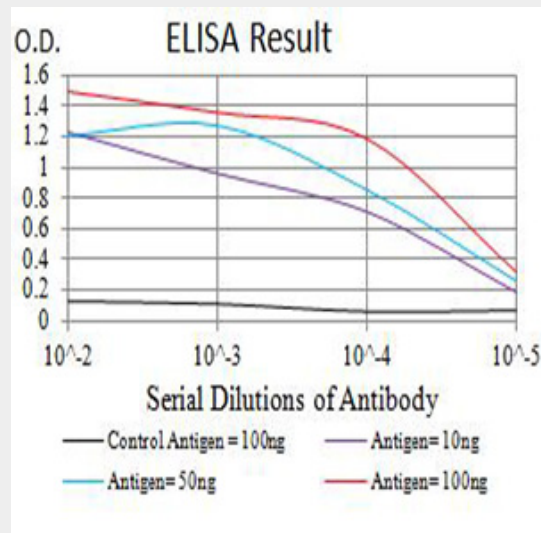


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

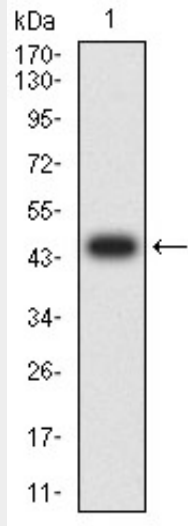


Figure 2:Western blot analysis using CD11C mAb against human CD11C (AA: extra 102-279) recombinant protein. (Expected MW is 46 kDa)

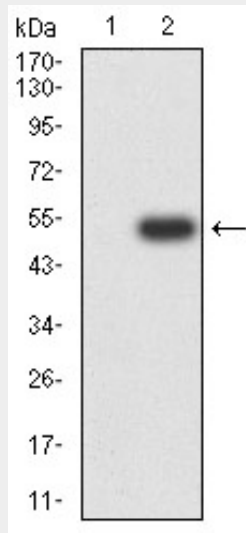


Figure 3:Western blot analysis using CD11C mAb against HEK293 (1) and CD11C (AA: extra 102-279)-hlgGfC transfected HEK293 (2) cell lysate.

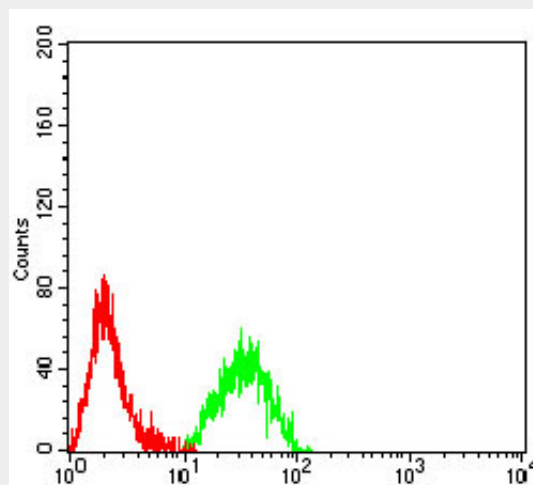


Figure 4:Flow cytometric analysis of Raji cells using CD11C mouse mAb (green) and negative

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.