

**CD193**  
**Purified Mouse Monoclonal Antibody**  
**Catalog # AO2661a**

**Specification**

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**CD193 - Product Information**

Application	<b>E, WB</b>
Primary Accession	<a href="#">P51677</a>
Reactivity	<b>Human</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>Mouse IgG1</b>
Calculated MW	<b>41kDa KDa</b>

**Immunogen**

Purified recombinant fragment of human CD193 (AA: extra mix) expressed in E. Coli.

**Formulation**

Purified antibody in PBS with 0.05% sodium azide

**CD193 - Additional Information**

**Gene ID** 1232

**Other Names**

CKR3; CCR3; CMKBR3; CC-CKR-3

**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**

CD193 is for research use only and not for use in diagnostic or therapeutic procedures.

**CD193 - Protein Information**

**Name** CCR3

**Synonyms** CMKBR3

**Function**

Receptor for C-C type chemokine. Binds and responds to a variety of chemokines, including CCL11, CCL26, CCL7, CCL13, RANTES(CCL5) and CCL15 (PubMed:<a href="http://www.uniprot.org/citations/7622448" target="\_blank">7622448</a>, PubMed:<a

href="http://www.uniprot.org/citations/8642344" target="\_blank">8642344</a>, PubMed:<a href="http://www.uniprot.org/citations/8676064" target="\_blank">8676064</a>). Subsequently transduces a signal by increasing the intracellular calcium ions level (PubMed:<a href="http://www.uniprot.org/citations/8676064" target="\_blank">8676064</a>). In addition acts as a possible functional receptor for NARS1 (PubMed:<a href="http://www.uniprot.org/citations/30171954" target="\_blank">30171954</a>).

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**Tissue Location**

In eosinophils as well as trace amounts in neutrophils and monocytes.

**CD193 - 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](#)

**CD193 - Images**

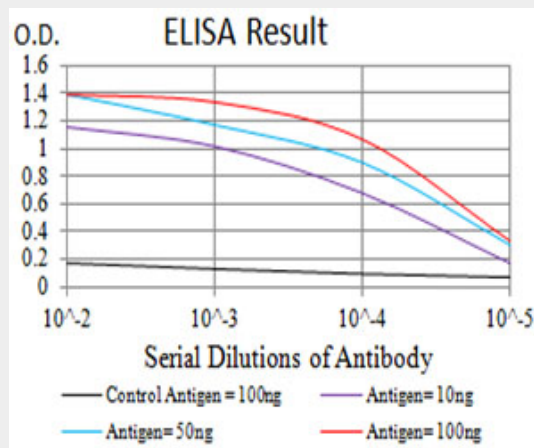


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

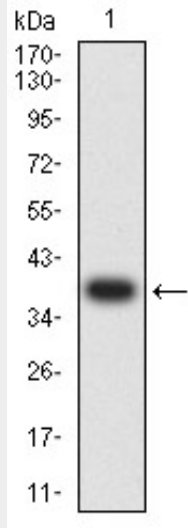


Figure 2:Western blot analysis using CD193 mAb against human CD193 (AA: extra mix) recombinant protein. (Expected MW is 37.2 kDa)

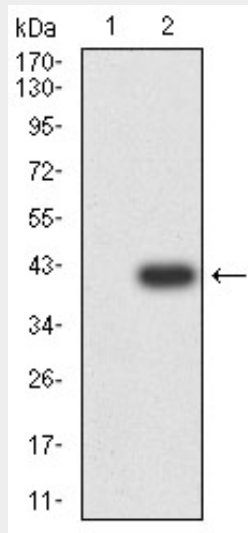


Figure 3:Western blot analysis using CD193 mAb against HEK293 (1) and CD193 (AA: extra mix)-hlgGfc transfected HEK293 (2) cell lysate.

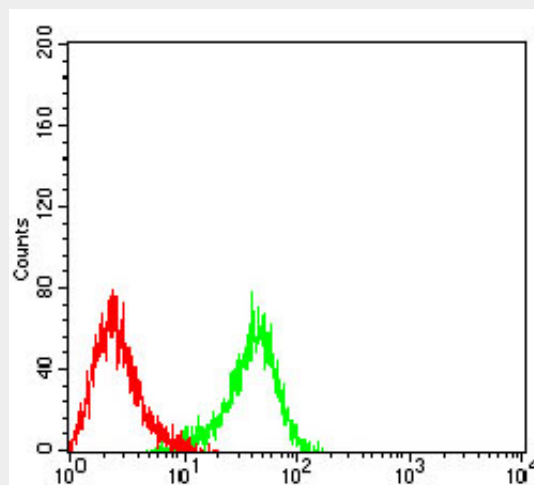


Figure 4:Flow cytometric analysis of HL-60 cells using CD193 mouse mAb (green) and negative

control (red).

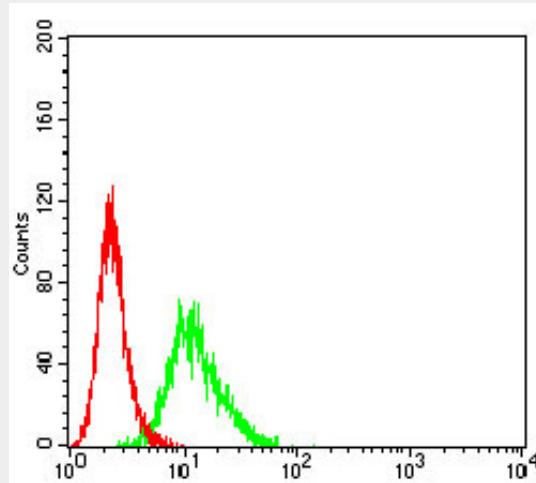


Figure 5:Flow cytometric analysis of K562 cells using CD193 mouse mAb (green) and negative control (red).

#### CD193 - References

1. J Dermatol Sci. 2013 Jul;71(1):12-21. 2. Am J Clin Pathol. 2013 Sep;140(3):293-300.