

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

CD193 - Product Information

Application	WB, IHC, ICC, E
Primary Accession	P51677
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Calculated MW	41kDa KDa

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

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

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:7622448, PubMed:8642344, PubMed:8676064). Subsequently transduces a signal by increasing the intracellular calcium ions level (PubMed:8676064). In addition acts as a possible functional receptor for NARS1 (PubMed:30171954).

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

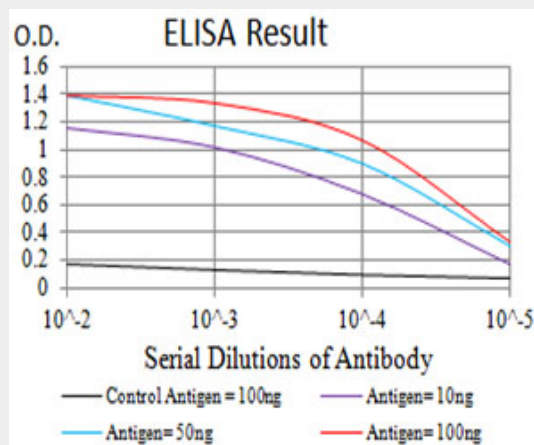


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

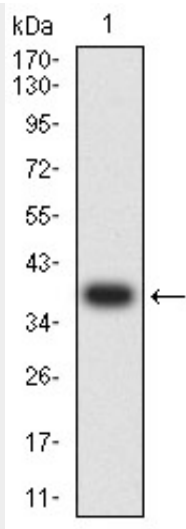


Figure 2: Western blot analysis using CD193 mAb against human CD193 (AA: extra mix) recombinant protein. (Expected MW is 37.2 kDa)

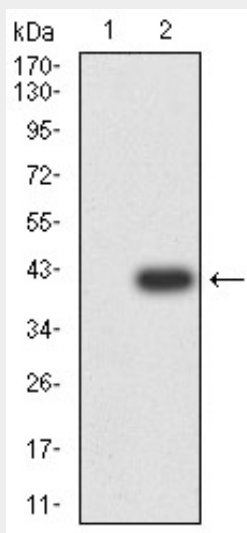


Figure 3: Western blot analysis using CD193 mAb against HEK293 (1) and CD193 (AA: extra mix)-hlgGFc transfected HEK293 (2) cell lysate.

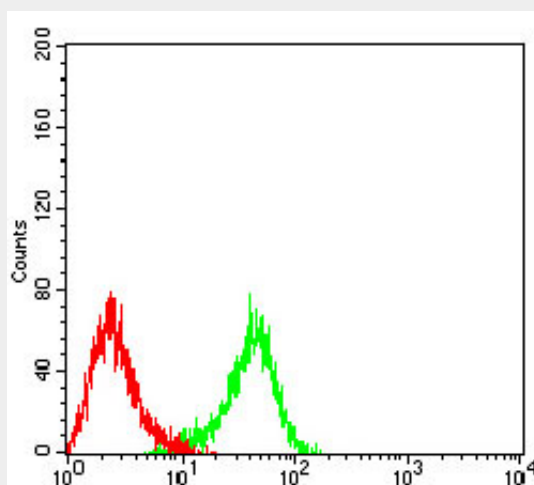


Figure 4: Flow cytometric analysis of HL-60 cells using CD193 mouse mAb (green) and negative

control (red).

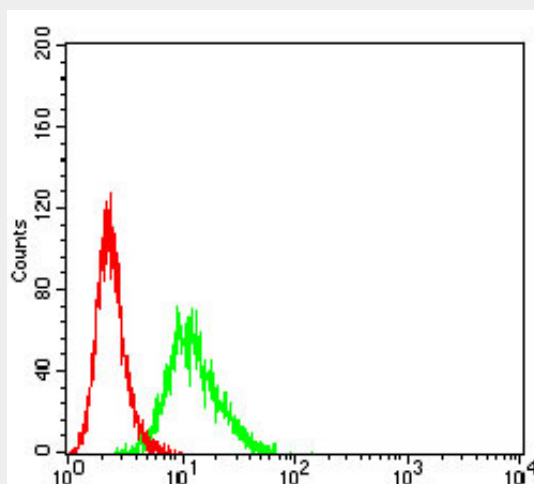


Figure 5:Flow cytometric analysis of K562 cells using CD193 mouse mAb (green) and negative control (red).

CD193 - References

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