

# CD193

Purified Mouse Monoclonal Antibody

Catalog # AO2661a

## Product Information

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<b>Application</b>	WB, IHC, ICC, E
<b>Primary Accession</b>	<a href="#">P51677</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone Names</b>	8E9H10
<b>Isotype</b>	Mouse IgG1
<b>Calculated MW</b>	41044
<b>Immunogen</b>	Purified recombinant fragment of human CD193 (AA: extra mix) expressed in E. Coli.
<b>Formulation</b>	Purified antibody in PBS with 0.05% sodium azide

## Additional Information

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<b>Gene ID</b>	1232
<b>Other Names</b>	CKR3; CCR3; CMKBR3; CC-CKR-3
<b>Dilution</b>	WB~~ 1/500 - 1/2000 IHC~~1:100~500 ICC~~N/A E~~ 1/10000
<b>Storage</b>	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.
<b>Precautions</b>	CD193 is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	CCR3
<b>Synonyms</b>	CMKBR3
<b>Function</b>	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="#">7622448</a> , PubMed: <a href="#">8642344</a> , PubMed: <a href="#">8676064</a> ). Subsequently transduces a signal by increasing the intracellular calcium ions level (PubMed: <a href="#">8676064</a> ). In addition acts as a possible functional receptor for NARS1 (PubMed: <a href="#">30171954</a> ).

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**Tissue Location**

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

**References**

1.J Dermatol Sci. 2013 Jul;71(1):12-21.2.Am J Clin Pathol. 2013 Sep;140(3):293-300.

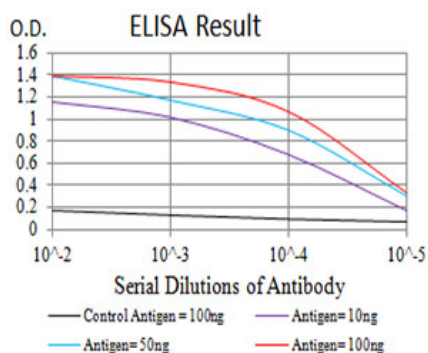
**Images**

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

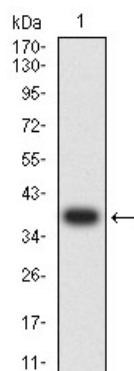


Figure 2:Western blot analysis using CD193 mAb against human CD193 (AA: extra mix) recombinant protein. (Expected MW is 37.2 kDa)

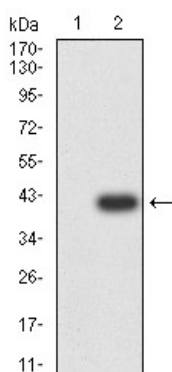


Figure 3:Western blot analysis using CD193 mAb against HEK293 (1) and CD193 (AA: extra mix)-hIgGFc transfected HEK293 (2) cell lysate.

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

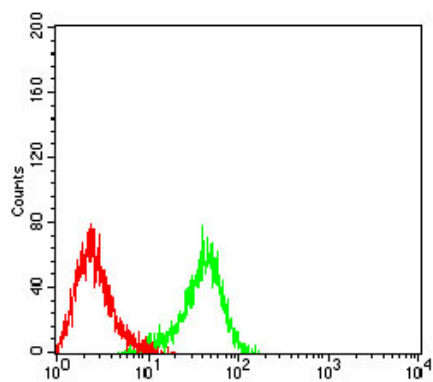
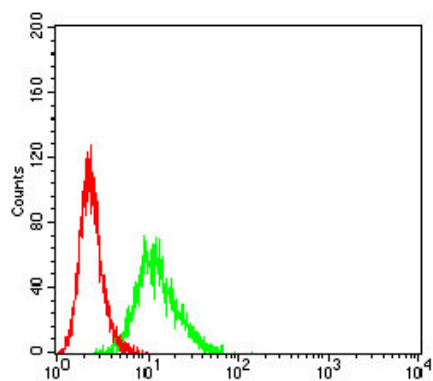


Figure 5:Flow cytometric analysis of K562 cells using CD193 mouse mAb (green) and negative control (red).



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