

CD197
Purified Mouse Monoclonal Antibody
Catalog # AO2675a

Specification

CD197 - Product Information

Application	E, WB, FCM
Primary Accession	P32248
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Calculated MW	42.9kDa KDa

Immunogen

Purified recombinant fragment of human CD197 (AA: extra mix) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

CD197 - Additional Information

Gene ID 1236

Other Names

BLR2; EB11; CCR-7; CCR7; CDw197; CMKBR7; CC-CKR-7

Dilution

E~~ 1/10000
WB~~ 1/500 - 1/2000
FCM~~1/200 - 1/400

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

CD197 is for research use only and not for use in diagnostic or therapeutic procedures.

CD197 - Protein Information

Name CCR7

Synonyms CMKBR7, EB11, EV11

Function

Receptor for the MIP-3-beta chemokine. Probable mediator of EBV effects on B-lymphocytes or of normal lymphocyte functions.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Expressed in various lymphoid tissues and activated B- and T-lymphocytes, strongly up-regulated in B-cells infected with Epstein-Barr virus and T-cells infected with herpesvirus 6 or 7

CD197 - 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](#)

CD197 - Images

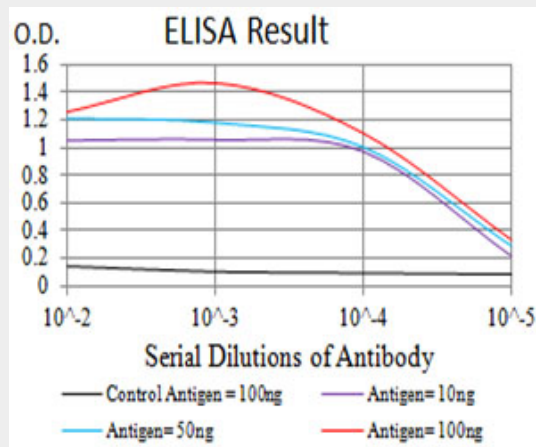


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

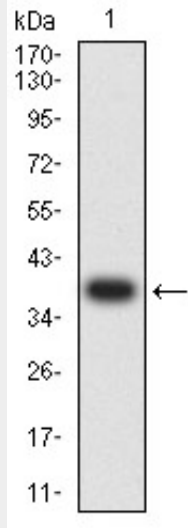


Figure 2:Western blot analysis using CD197 mAb against human CD197 (AA: extra mix) recombinant protein. (Expected MW is 37.5 kDa)

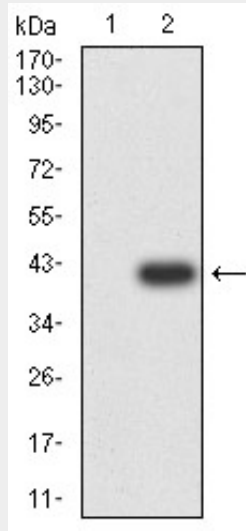


Figure 3:Western blot analysis using CD197 mAb against HEK293 (1) and CD197 (AA: extra mix)-hlgGfc transfected HEK293 (2) cell lysate.

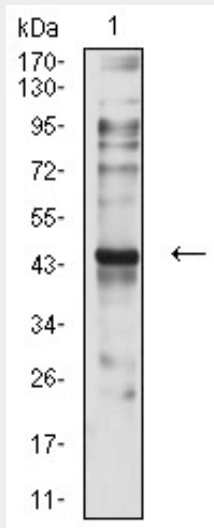


Figure 4:Western blot analysis using CD197 mouse mAb against C6 (1) cell lysate.

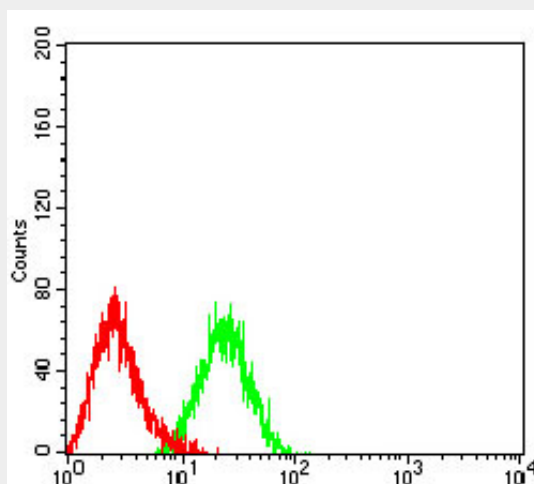


Figure 5:Flow cytometric analysis of HL-60 cells using CD197 mouse mAb (green) and negative control (red).

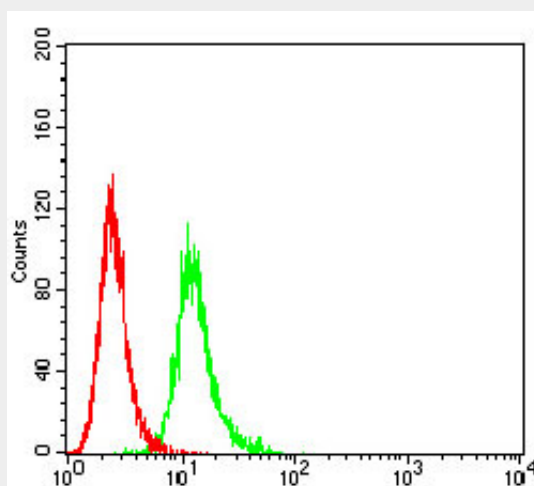


Figure 6:Flow cytometric analysis of K562 cells using CD197 mouse mAb (green) and negative control (red).

CD197 - References

- 1.Gastric Cancer. 2017 Mar;20(2):235-245.2.J Surg Oncol. 2015 Jul;112(1):86-92.