10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CD197

Purified Mouse Monoclonal Antibody
Catalog # AO2674a

Product Information

Application	WB, IHC, ICC, E
Primary Accession	P32248
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	4B7B8
Isotype	Mouse IgG1
Calculated MW	42874
Immunogen	Purified recombinant fragment of human CD197 (AA: extra mix) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	1236
Other Names	BLR2; EBI1; CCR-7; CCR7; CDw197; CMKBR7; CC-CKR-7
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	CD197 is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CCR7
Synonyms	CMKBR7, EBI1, EVI1
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

References

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

Images

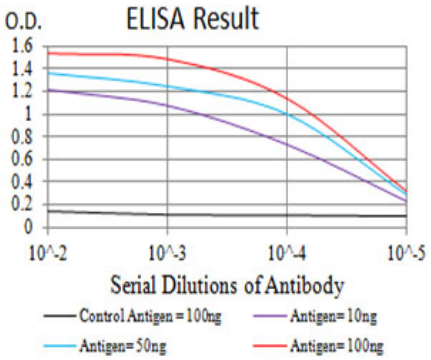


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

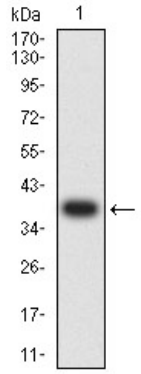


Figure 2:Western blot analysis using CD197 mAb against human CD197 (AA: extra mix) recombinant protein. (Expected MW is 37.5 kDa)

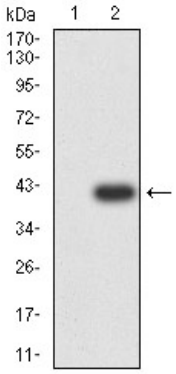


Figure 3:Western blot analysis using CD197 mAb against HEK293 (1) and CD197 (AA: extra mix)-hIgGFc transfected HEK293 (2) cell lysate.

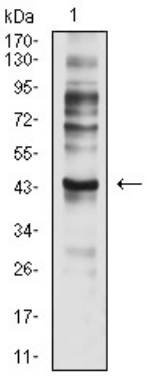


Figure 4:Western blot analysis using CD197 mouse mAb against C6 (1) cell lysate.

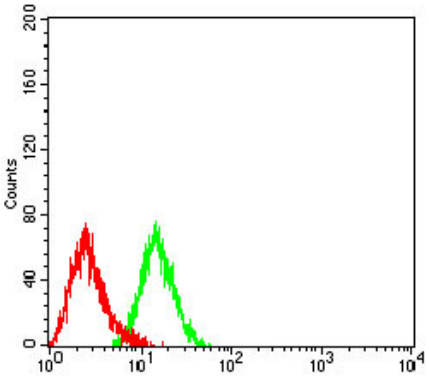


Figure 5:Flow cytometric analysis of HL-60 cells using CD197 mouse mAb (green) and negative control (red).

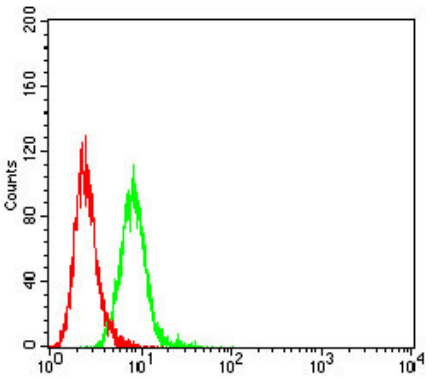


Figure 6:Flow cytometric analysis of K562 cells using CD197 mouse mAb (green) and negative control (red).

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