

CD158E1

Purified Mouse Monoclonal Antibody
Catalog # AO2690a

Product Information

Application	WB, IHC, ICC, E
Primary Accession	P43629
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	2C3A10
Isotype	Mouse IgG1
Calculated MW	49098
Immunogen	Purified recombinant fragment of human CD158E1 (AA: extra 206-340) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	3811
Other Names	KIR3DL1; KIR; NKB1; NKAT3; NKB1B; NKAT-3; KIR3DL1/S1
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	CD158E1 is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KIR3DL1 (HGNC:6338)
Synonyms	CD158E, NKAT3, NKB1
Function	Receptor on natural killer (NK) cells for HLA Bw4 allele. Inhibits the activity of NK cells thus preventing cell lysis.
Cellular Location	Cell membrane; Single-pass type I membrane protein

References

1.Clin Exp Immunol. 2016 Mar;183(3):419-30.2.J Leukoc Biol. 2010 Nov;88(5):905-12.

Images

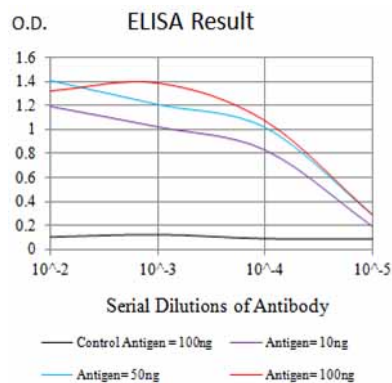


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

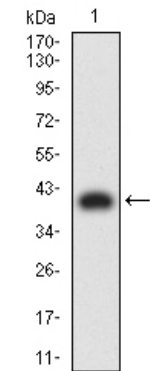


Figure 2:Western blot analysis using CD158E1 mAb against human CD158E1 (AA: extra 206-340) recombinant protein. (Expected MW is 40.5 kDa)

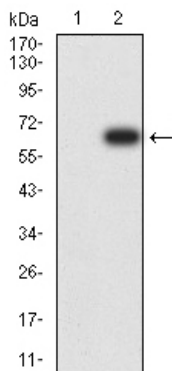


Figure 3:Western blot analysis using CD158E1 mAb against HEK293 (1) and CD158E1 (AA: extra 206-340)-hIgGfc transfected HEK293 (2) cell lysate.

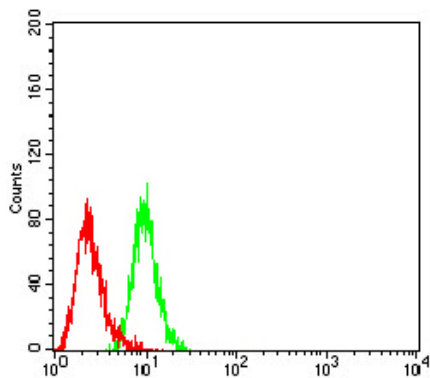
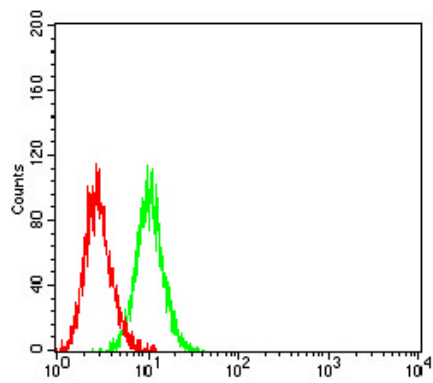


Figure 4:Flow cytometric analysis of HL-60 cells using CD158E1 mouse mAb (green) and negative control (red).

Figure 5:Flow cytometric analysis of Ramos cells using



CD158E1 mouse mAb (green) and negative control (red).

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