

KIR3DL1

Purified Mouse Monoclonal Antibody
Catalog # AO2702a

Product Information

Application	WB, IHC, ICC, E
Primary Accession	P43629
Reactivity	Human, Rat, Monkey
Host	Mouse
Clonality	Monoclonal
Clone Names	6D9F6
Isotype	Mouse IgG2b
Calculated MW	49098
Immunogen	Purified recombinant fragment of human KIR3DL1 (AA: extra 22-340) expressed in Hek293 cells.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	3811
Other Names	KIR; NKB1; NKAT3; NKB1B; NKAT-3; CD158E1; KIR3DL1/S1
Dilution	WB~~ 1/500 - 1/2000 IHC~~ 1/200 - 1/1000 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	KIR3DL1 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

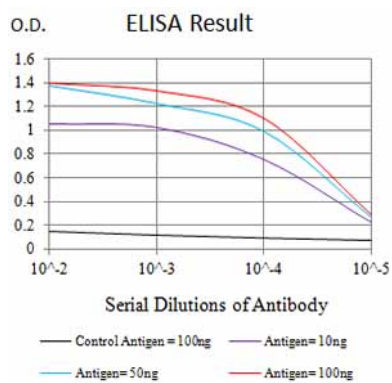


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

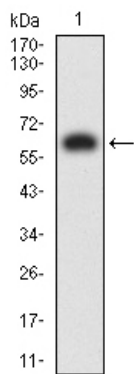


Figure 2:Western blot analysis using KIR3DL1 mAb against human KIR3DL1 (AA: extra 22-340) recombinant protein. (Expected MW is 65 kDa)

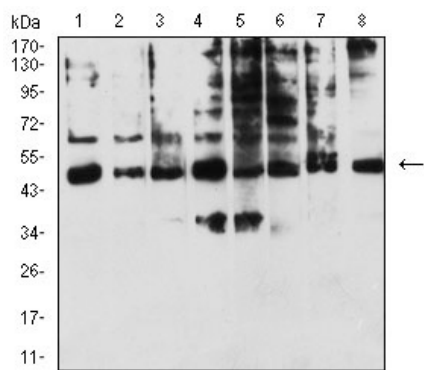


Figure 3:Western blot analysis using KIR3DL1 mouse mAb against A431 (1), Raji (2), SPC-A-1 (3), K562 (4), HEK293 (5), U937 (6), C6 (7), and COS7 (8) cell lysate.

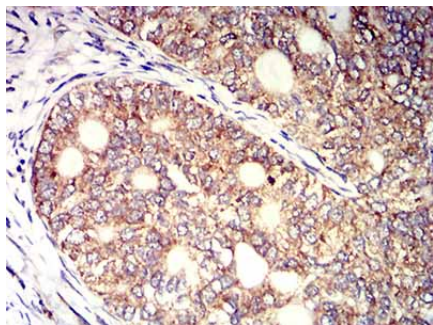


Figure 4:Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using KIR3DL1 mouse mAb with DAB staining.