

KIR3DL1
Purified Mouse Monoclonal Antibody
Catalog # AO2702a**Specification**

KIR3DL1 - Product Information

Application	E, WB, IHC
Primary Accession	P43629
Reactivity	Human, Rat, Monkey
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2b
Calculated MW	49kDa kDa
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

KIR3DL1 - Additional Information

Gene ID 3811

Other Names

KIR; NKB1; NKAT3; NKB1B; NKAT-3; CD158E1; KIR3DL1/S1

Dilution

E~~ 1/10000
WB~~ 1/500 - 1/2000
IHC~~ 1/200 - 1/1000

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.

KIR3DL1 - 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

KIR3DL1 - 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](#)

KIR3DL1 - Images

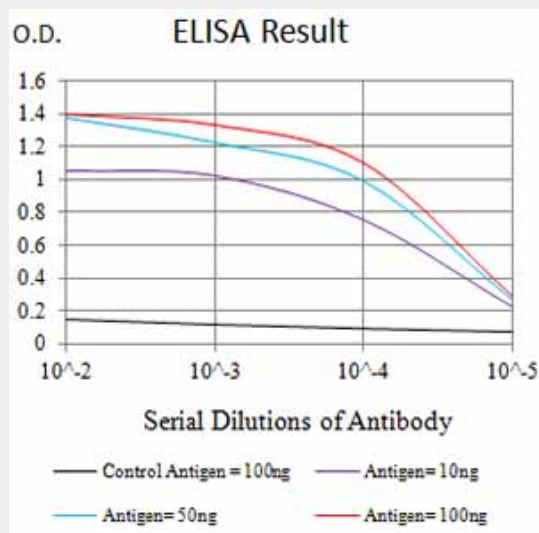


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

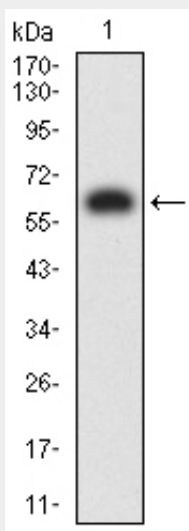


Figure 2: Western blot analysis using KIR3DL1 mAb against human KIR3DL1 (AA: extra 22-340) recombinant protein. (Expected MW is 65 kDa)

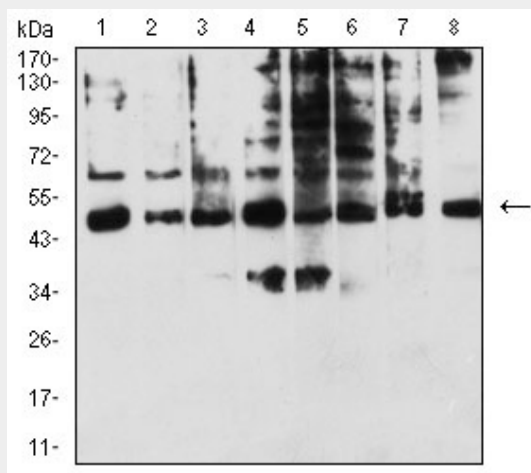


Figure 3: Western blot analysis using KIR3DL1 mouse mAb against A431 (1), Raji (2), SPC-A-1 (3), K562 (4), HEK293 (5), U937 (6), C6 (7), and COS7 (8) cell lysate.

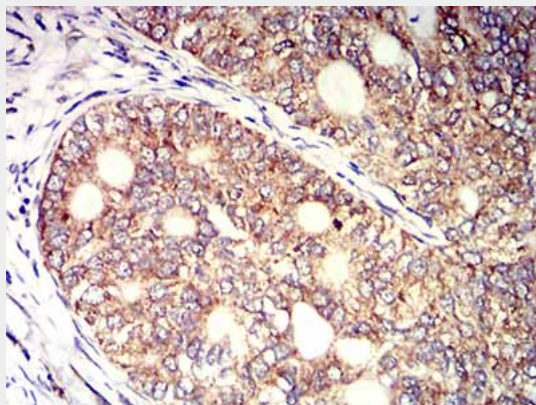


Figure 4: Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using KIR3DL1 mouse mAb with DAB staining.

KIR3DL1 - References

1. Clin Exp Immunol. 2016 Mar;183(3):419-30. 2. J Leukoc Biol. 2010 Nov;88(5):905-12.