

# KIR3DL1

Purified Mouse Monoclonal Antibody  
Catalog # AO2701a

## Product Information

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|--------------------------|----------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC, ICC, E                                                                              |
| <b>Primary Accession</b> | <a href="#">P43629</a>                                                                       |
| <b>Reactivity</b>        | Human, Rat                                                                                   |
| <b>Host</b>              | Mouse                                                                                        |
| <b>Clonality</b>         | Monoclonal                                                                                   |
| <b>Clone Names</b>       | 6D9A4                                                                                        |
| <b>Isotype</b>           | Mouse IgG2b                                                                                  |
| <b>Calculated MW</b>     | 49098                                                                                        |
| <b>Immunogen</b>         | Purified recombinant fragment of human KIR3DL1 (AA: extra 22-340) expressed in HEK293 cells. |
| <b>Formulation</b>       | Purified antibody in PBS with 0.05% sodium azide                                             |

## Additional Information

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|--------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>     | 3811                                                                                                                                     |
| <b>Other Names</b> | KIR; NKB1; NKAT3; NKB1B; NKAT-3; CD158E1; KIR3DL1/S1                                                                                     |
| <b>Dilution</b>    | WB~~ 1/500 - 1/2000 IHC~~1:100~500 ICC~~N/A E~~ 1/10000                                                                                  |
| <b>Storage</b>     | 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. |
| <b>Precautions</b> | KIR3DL1 is for research use only and not for use in diagnostic or therapeutic procedures.                                                |

## Protein Information

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | KIR3DL1 ( <a href="#">HGNC:6338</a> )                                                                                   |
| <b>Synonyms</b>          | CD158E, NKAT3, NKB1                                                                                                     |
| <b>Function</b>          | Receptor on natural killer (NK) cells for HLA Bw4 allele. Inhibits the activity of NK cells thus preventing cell lysis. |
| <b>Cellular Location</b> | 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

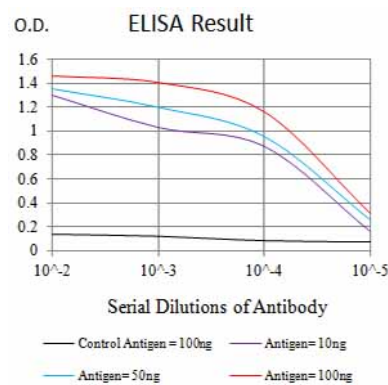


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

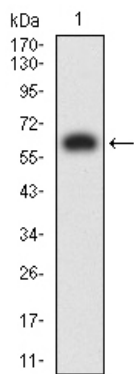


Figure 2:Western blot analysis using KIR3DL1 mAb against human KIR3DL1 (AA: extra 22-340) recombinant protein. (Expected MW is 65 kDa)

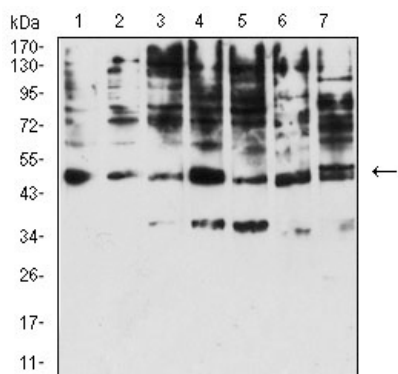


Figure 3:Western blot analysis using KIR3DL1 mouse mAb against A431 (1), Raji (2), SPC-A-1 (3), K562 (4), HEK293 (5), U937 (6), and C6 (7) cell lysate.

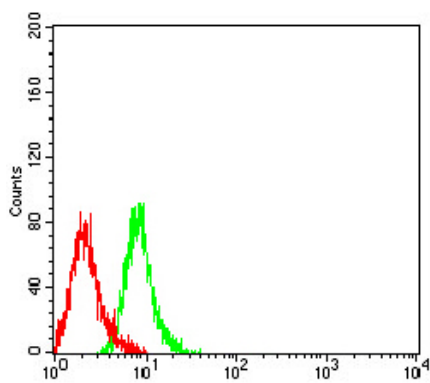


Figure 4:Flow cytometric analysis of Jurkat cells using KIR3DL1 mouse mAb (green) and negative control (red).

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