

## ULBP1 Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA2338
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human ULBP1 (AA: 26-216) expressed in E. Coli.
<b>Mol wt</b>	28kDa
<b>Species reactivity</b>	Others
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	Others
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	N2DL-1;RAET1I;NKG2DL1

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

The protein encoded by this gene is a ligand of natural killer group 2, member D (NKG2D), an immune system-activating receptor on NK cells and T-cells. Binding of the encoded ligand to NKG2D leads to activation of several signal transduction pathways, including those of JAK2, STAT5, ERK and PI3K kinase/Akt. Also, in cytomegalovirus-infected cells, this ligand binds the UL16 glycoprotein and is prevented from activating the immune system. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]

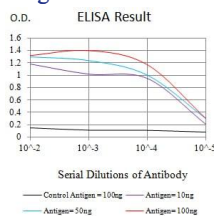
### Recommended Dilution

WB: 1:500 - 1:2000

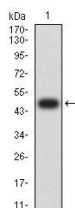
ELISA: 1:10000

Not yet tested in other applications.

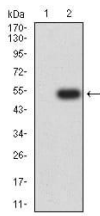
### Images



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



Western blot analysis using ULBP1 mAb against human ULBP1 (AA: 26-216) recombinant protein. (Expected MW is 48.3 kDa)



Western blot analysis using ULBP1 mAb against HEK293 (1) and ULBP1 (AA: 26-216)-hlgGFc transfected HEK293 (2) cell lysate.

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)