

Product Name: ULBP1 (3U10) Rabbit Monoclonal Antibody
Catalog #: AMRe19619

Summary

Production Name	ULBP1 (3U10) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	FC
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type
Buffer	preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	ULBP1
Alternative Names	Alcan beta; N2DL1; NKG2DL1; RAET1I; UL16; UL16 binding protein 1; ULBP1;
Gene ID	80329.0
SwissProt ID	Q9BZM6.

Application

Dilution Ratio	FCM 1:50-1:100
Molecular Weight	28kDa

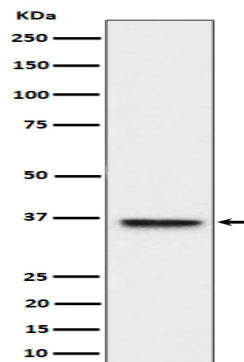
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Background

Ligand for the NKG2D receptor, together with at least ULBP2 and ULBP3. ULBPs activate multiple signaling pathways in primary NK cells, resulting in the production of cytokines and chemokines. Binding of ULBPs ligands to NKG2D induces calcium mobilization and activation of the JAK2, STAT5, ERK and PI3K kinase/Akt signal transduction pathway. Binds and activates the KLRK1/NKG2D receptor, mediating natural killer cell cytotoxicity.

Research Area

Image Data



Western blot analysis of ULBP1 expression in HeLa cell lysate.

Note

For research use only.