

## Product Datasheet

# ULBP1 Antibody

Catalog No: CY5327

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB



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### Information

**UniProt ID:** Q9BZM6

**All Names:** Alcan beta; N2DL1; NKG2DL1; RAET1I; UL16; UL16 binding protein 1; ULBP1;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

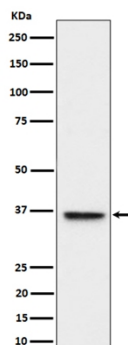
**Molecular Wt.:** 36kDa

### Application

WB 1:500~1:2000

### 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.



Western blot analysis of ULBP1 expression in HeLa cell lysate.

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