

## Anti-ULBP-2 Antibody (4Z93)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4Z93
Purification:	Protein A

## Applications

Verified Activity:	1. Immunochemical staining of human ULBP2 in human renal carcinoma with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
	2. Immunochemical staining of human ULBP2 in human hepatoma with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
	3. Immunochemical staining of human ULBP2 in human gastric cancer with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
Application:	IHC-P
Recommended	IHC-P: 1:100-1:500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human ULBP2 / N2DL-2 protein (TMPY-02333)
Antigen Species:	Human
Synonyms:	N2DL2;ALCAN- $\alpha$ ;RAET1H;ALCAN-alpha;UNQ463 / PRO791;NKG2DL2;UL16 binding protein 2

## Research Background

NKG2D ligand 2, also known as N2DL-2, NKG2DL2, ALCAN-alpha, Retinoic acid early transcript 1H, UL16-binding protein 2, ULBP2 and N2DL2, is cell membrane protein that belongs to the MHC class I family. ULBP2 / N2DL-2 is expressed in various types of cancer cell lines and in the fetus, but not in normal tissues. ULBP2 / N2DL-2 is a ligand for the NKG2D receptor, together with at least ULBP1 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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