



[Go to Product page](#)

Datasheet for ABIN7161653
anti-ULBP2 antibody (AA 26-216)

1 Image

Overview

Quantity:	100 µL
Target:	ULBP2
Binding Specificity:	AA 26-216
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ULBP2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human NKG2D ligand 2 protein (26-216AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	ULBP2
Alternative Name:	ULBP2 (ULBP2 Products)
Background:	Background: Ligand for the KLRK1/NKG2D receptor, together with at least ULBP1 and ULBP3. ULBPs activate multiple signaling pathways in primary NK cells, resulting in the production of

Target Details

cytokines and chemokines. Binding of ULBPs ligands to KLRK1/NKG2D induces calcium mobilization and activation of the JAK2, STAT5, ERK and PI3K kinase/Akt signal transduction pathway. In CMV infected cells, interacts with soluble CMV glycoprotein UL16. The interaction with UL16 blocked the interaction with the KLRK1/NKG2D receptor, providing a mechanism by which CMV infected cells might escape the immune system. UL16 also causes ULBP2 to be retained in the ER and cis-Golgi apparatus so that it does not reach the cell surface.

Aliases: ALCAN alpha antibody, ALCAN-alpha antibody, N2DL 2 antibody, N2DL-2 antibody, N2DL2 antibody, N2DL2_HUMAN antibody, NKG2D ligand 2 antibody, NKG2D ligand 2 precursor antibody, NKG2DL2 antibody, RAET1H antibody, Retinoic acid early transcript 1 H antibody, Retinoic acid early transcript 1H antibody, UL16 binding protein 2 antibody, UL16-binding protein 2 antibody, ULBP2 antibody

UniProt: [Q9BZM5](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

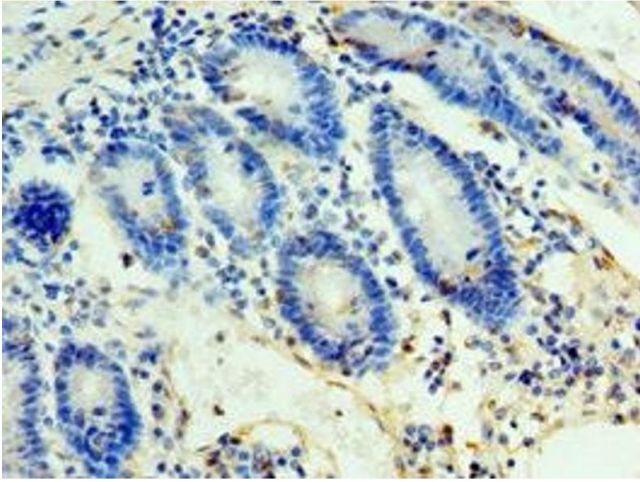
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human duodenum tissue using ABIN7161653 at dilution of 1:100