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# Datasheet for ABIN7193457 anti-ULBP1 antibody (AA 26-216)

4 Images



### Overview

Quantity:	0.1 mg
Target:	ULBP1
Binding Specificity:	AA 26-216
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ULBP1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

### Product Details

Immunogen:	Purified recombinant fragment of human ULBP1 (AA: 26-216) expressed in E. coli.
Clone:	3A6F11
Isotype:	lgG1
Purification:	purified

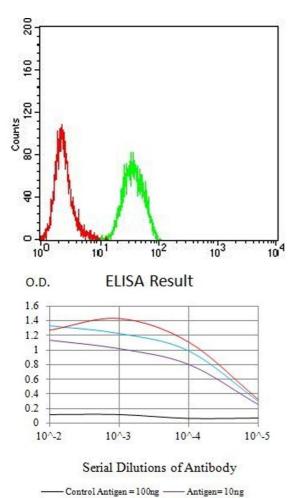
## Target Details

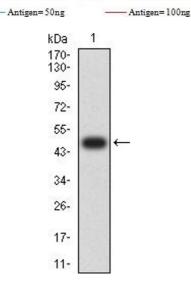
Target:	ULBP1
Alternative Name:	ULBP1 (ULBP1 Products)
Background:	Description: The protein encoded by this gene is a ligand of natural killer group 2, member D
	(NKG2D), an immune system-activating receptor on NK cells and T-cells. Binding of the

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## Target Details

	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] Aliases: N2DL-1, RAET1I, NKG2DL1
Molecular Weight:	28 kDa
Gene ID:	80329
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process
Application Details	
Application Notes:	WB:1:500 - 1:2000, FCM:1:200 - 1:400, ELISA:1:10000,
Restrictions:	For Research Use only
Restrictions: Handling	For Research Use only
	For Research Use only Purified antibody in PBS with 0.05 % sodium azide
Handling	
Handling Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Handling Buffer: Preservative:	Purified antibody in PBS with 0.05 % sodium azide   Sodium azide   This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which





#### **Flow Cytometry**

**Image 1.** Flow cytometric analysis of Hela cells using ULBP1 mouse mAb (green) and negative control (red).

### ELISA

**Image 2.** Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

#### Western Blotting

**Image 3.** Western blot analysis using ULBP1 mAb against human ULBP1 (AA: 26-216) recombinant protein. (Expected MW is 48.3 kDa)

Please check the product details page for more images. Overall 4 images are available for ABIN7193457.

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