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Quantity:	0.1 mg
Target:	nectin-3 (NECTIN3)
Binding Specificity:	AA 282-404
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This nectin-3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

## **Product Details**

Immunogen:	Purified recombinant fragment of human CD113 (AA: extra 282-404) expressed in E. coli.	
Clone:	6D5B2	
Isotype:	lgG1	
Purification:	purified	

# **Target Details**

Target:	nectin-3 (NECTIN3)
Alternative Name:	CD113 (NECTIN3 Products)
Background:	Description: This gene encodes a member of the nectin family of proteins, which function as

adhesion molecules at adherens junctions. This family member interacts with other nectin-like
proteins and with afadin, a filamentous actin-binding protein involved in the regulation of
directional motility, cell proliferation and survival. This gene plays a role in ocular development
involving the ciliary body. Mutations in this gene are believed to result in congenital ocular
defects. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug
2011]

Aliases: NECTIN3, PPR3, PRR3, PVRL3, PVRR3, CDW113, NECTIN-3

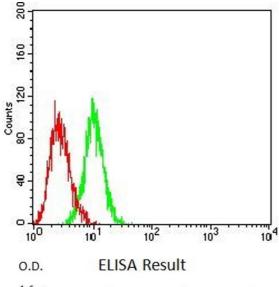
Molecular Weight:	61 kDa
Gene ID:	25945
Pathways:	Cell-Cell Junction Organization

# **Application Details**

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A
Restrictions:	For Research Use only

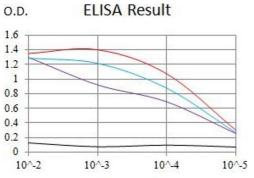
# Handling

Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



# Flow Cytometry

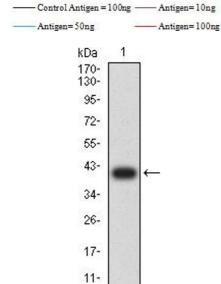
**Image 1.** Flow cytometric analysis of HL-60 cells using CD113 mouse mAb (green) and negative control (red).



## **ELISA**

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

## Serial Dilutions of Antibody



# **Western Blotting**

**Image 3.** Western blot analysis using CD113 mAb against human CD113 (AA: extra 282-404) recombinant protein. (Expected MW is 39.5 kDa)

Please check the product details page for more images. Overall 4 images are available for ABIN7193364.