

Datasheet for ABIN5611283
anti-DDR1 antibody (AA 21-176)[Go to Product page](#)

4 Images

Overview

Quantity:	0.1 mg
Target:	DDR1
Binding Specificity:	AA 21-176
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD167 (AA: extra 21-176) expressed in E. coli.
Clone:	4F2C12
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	DDR1
Alternative Name:	CD167 (DDR1 Products)
Background:	Description: Receptor tyrosine kinases play a key role in the communication of cells with their microenvironment. These kinases are involved in the regulation of cell growth, differentiation and metabolism. The protein encoded by this gene belongs to a subfamily of tyrosine kinase

Target Details

receptors with homology to Dictyostelium discoideum protein discoidin I in their extracellular domain, and that are activated by various types of collagen. Expression of this protein is restricted to epithelial cells, particularly in the kidney, lung, gastrointestinal tract, and brain. In addition, it has been shown to be significantly overexpressed in several human tumors.

Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Aliases: DDR1,CAK, DDR, NEP, HGK2, PTK3, RTK6, TRKE, EDDR1, MCK10, NTRK4, PTK3A

Molecular Weight:	101 kDa
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Gene ID:	780
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HGNC:	780
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Pathways:	RTK Signaling , Smooth Muscle Cell Migration
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Application Details

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

Format:	Liquid
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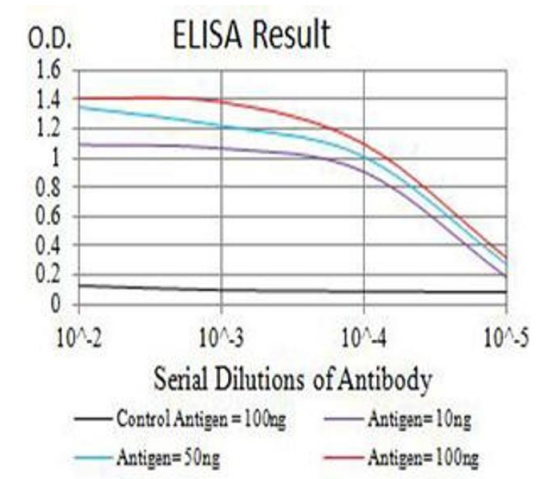
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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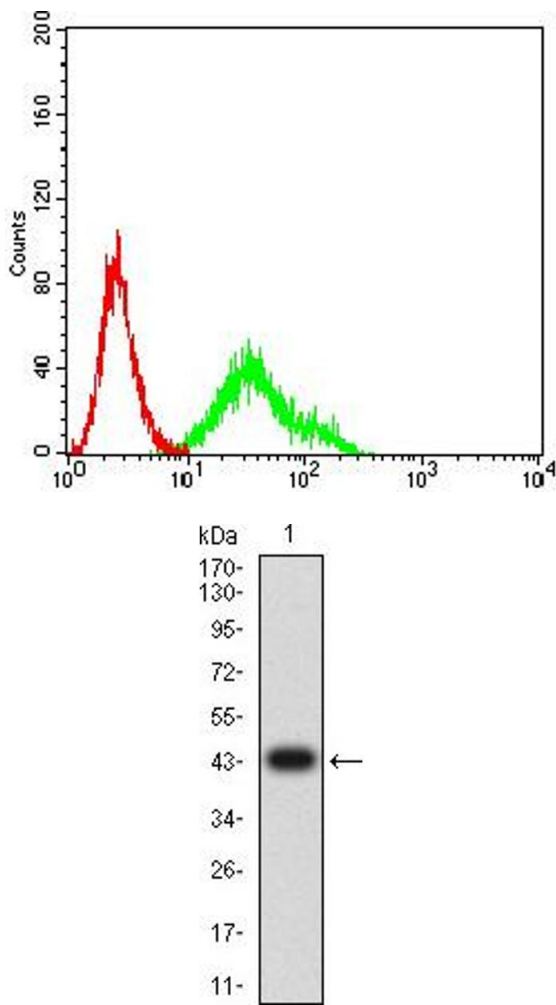
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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ELISA

Image 1. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Flow Cytometry

Image 2. Flow cytometric analysis of Ramos cells using CD167 mouse mAb (green) and negative control (red).

Western Blotting

Image 3. Western blot analysis using CD167 mAb against human CD167 (AA: extra 21-176) recombinant protein. (Expected MW is 43.5 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5611283.