

Datasheet for ABIN7193297
anti-CD177 antibody (AA 22-161)

5 Images

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Overview

Quantity:	0.1 mg
Target:	CD177
Binding Specificity:	AA 22-161
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD177 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD177 (AA: extra 22-161) expressed in E. coli.
Clone:	2F2C1
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	CD177
Alternative Name:	CD177 (CD177 Products)
Background:	Description: This gene encodes a glycosyl-phosphatidylinositol (GPI)-linked cell surface

Target Details

glycoprotein that plays a role in neutrophil activation. The protein can bind platelet endothelial cell adhesion molecule-1 and function in neutrophil transmigration. Mutations in this gene are associated with myeloproliferative diseases. Over-expression of this gene has been found in patients with polycythemia rubra vera. Autoantibodies against the protein may result in pulmonary transfusion reactions, and it may be involved in Wegener's granulomatosis. A related pseudogene, which is adjacent to this gene on chromosome 19, has been identified.

Aliases: NB1, PRV1, HNA2A, PRV-1, HNA-2a, NB1 GP

Molecular Weight:	46.4 kDa
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Gene ID:	57126
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Application Details

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

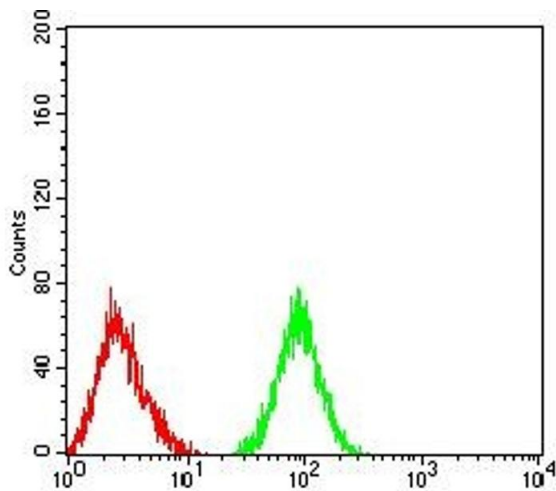
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled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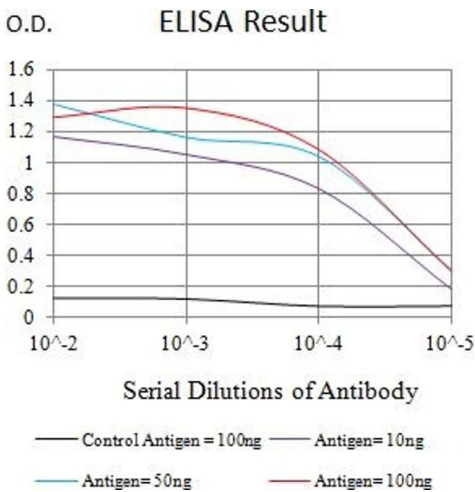
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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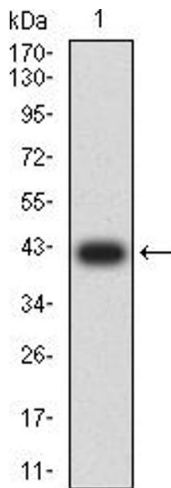
Flow Cytometry

Image 1. Flow cytometric analysis of HL-60 cells using CD177 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 CD177 mAb against human CD177 (AA: extra 22-161) recombinant protein. (Expected MW is 41.3 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7193297.