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## Datasheet for ABIN1449217 anti-Podoplanin antibody

### 4 Images

#### Overview

Quantity:	0.1 mg
Target:	Podoplanin (PDPN)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This Podoplanin antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	NL-17 cell membrane fraction
Clone:	8F11
Isotype:	IgG2a
Specificity:	This antibody reacts with mouse Aggrus (Podoplanin). The reference 6) described that this antibody does not react to human Aggrus (Podoplanin).
Purification:	Protein G agarose

#### Target Details

Target:	Podoplanin (PDPN)
Alternative Name:	Podoplanin ( <a href="#">PDPN Products</a> )

## Target Details

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Background:	In addition to hemostasis and host defense, platelets are involved in the induction of inflammation, tissue repair, and tumor metastasis. Aggrus (T1a/Podoplanin) is a novel 36-45 kDa membrane sialoglycoprotein that induces platelet aggregation. Aggrus is highly expressed in various tumor cells and the platelet aggregation ability of Aggrus depends on specific oligosaccharide structures that may be related to the metastasis process in cancer cells. Aggrus has been identified as a diagnostic tumor marker for seminomas and testicular cancers. Synonyms: Aggrus, GP36, Glycoprotein 36, PA2.26 antigen, PDPN, PSEC0003, PSEC0025, T1-alpha
Molecular Weight:	44 kDa
Gene ID:	10630
NCBI Accession:	<a href="#">NP_001006625</a>
UniProt:	<a href="#">Q86YL7</a>
Pathways:	<a href="#">Dicarboxylic Acid Transport</a>

## Application Details

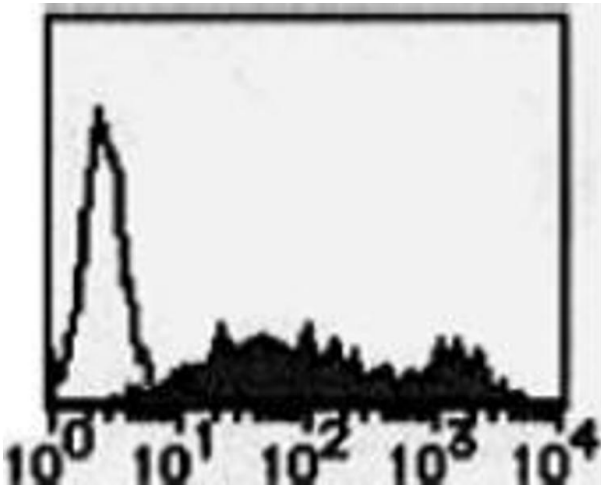
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

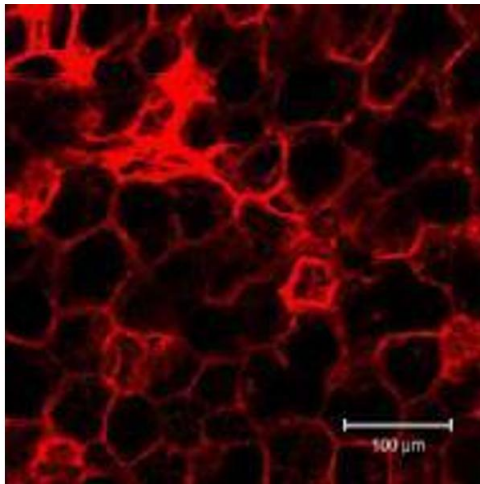
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Concentration:	1.0 mg/mL
Buffer:	PBS containing 50 % glycerol, pH 7.2. No preservative is contained.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Upon receipt, store (in aliquots) at -20 °C.



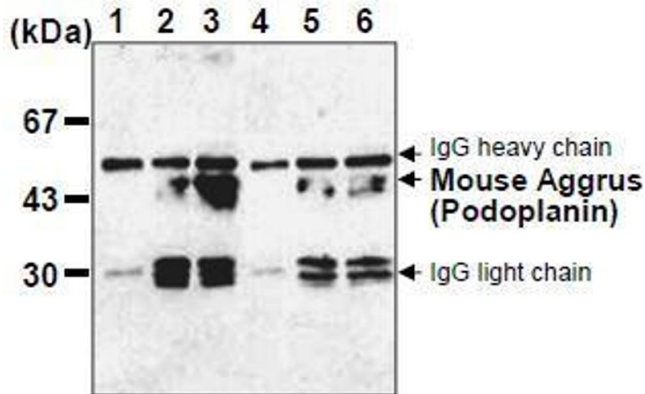
### Flow Cytometry

Image 1.



### Immunofluorescence

Image 2.



### Western Blotting

Image 3.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1449217.