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Datasheet for ABIN7506002  
**anti-Podoplanin antibody**

### Overview

Quantity:	0.1 mg
Target:	Podoplanin (PDPN)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Podoplanin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

### Product Details

Purpose:	Anti-Hu PDPN (cancer type) Purified
Immunogen:	recombinant human PDPN
Clone:	LpMab-23
Isotype:	IgG1 kappa
Specificity:	The mouse monoclonal antibody LpMab-23 recognizes an extracellular epitope on human cancer type PDPN, a transmembrane glycoprotein, serving as a prognostic marker of oral carcinoma. This antibody recognizes an altered glycosylation pattern that occurs on oral cancer cells and it shows minimal reactivity with the surrounding non-cancerous tissue.
Purification:	Purified by protein-A affinity chromatography.

### Target Details

Target:	Podoplanin (PDPN)
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## Target Details

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Alternative Name:	<a href="#">PDPN (PDPN Products)</a>
Background:	Podoplanin,PDPN (podoplanin) is a type I transmembrane glycoprotein of mucin-type character. The specific function of this protein has not been determined, but its homologs in other species were described as differentiation antigens. PDPN can be used as a marker of lung injury. Alternatively spliced transcript variants encoding different isoforms have been identified.,podoplanin, AGGRUS, OTS8, T1A2, T1A1
Gene ID:	10630
UniProt:	<a href="#">Q86YL7</a>
Pathways:	<a href="#">Dicarboxylic Acid Transport</a>

## Application Details

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Application Notes:	Flow cytometry: Recommended dilution: 1-5 µg/mL.
Restrictions:	For Research Use only

## Handling

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Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM 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
Storage Comment:	Store at 2-8°C. Do not freeze.