

30-2722: Anti-Hu PDPN (cancer type) Purified

Clonality :	Monoclonal
Clone Name :	LpMab-23
Application :	WB, FACS, IHC
Reactivity :	Human
Gene :	PDPN
Gene ID :	10630
Uniprot ID :	Q86YL7
Format :	Purified
Alternative Name :	podoplanin podoplanin, AGGRUS, OTS8, T1A2, T1A1
Immunogen Information :	recombinant human PDPN

Description

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.

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.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography.
Content :	Concentration: 1 mg/ml Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-5 $\mu\text{g/ml}$.