



# Mouse Anti-Nectin-1 Monoclonal Antibody, clone DL7 (CABT-CS402)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Reactive with Nectin-1 in immunofluorescence (IFA) and western blot at 10 µg/ml.
<b>Target</b>	Nectin-1
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	DL7
<b>Purification</b>	Protein G agarose affinity chromatography
<b>Conjugate</b>	unconjugated
<b>Applications</b>	IF, WB
<b>Format</b>	Liquid
<b>Concentration</b>	1 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	Phosphate Buffered Saline (PBS) pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	This product is supplied frozen on dry ice. Upon receipt, store at -20°C. Avoid multiple freeze-thaw cycles as product degradation may result.

# BACKGROUND

**Introduction**

Nectin-1 (designated CD111), also called PRR-1 (poliovirus receptor-related protein 1) or HVEC (herpesvirus entry mediator C), is a widely expressed 110 kDa type I transmembrane glycoprotein important in formation of adherens junctions and synapses. It is a member of the nectin family within the Ig superfamily. The Latin word *necto* means "to connect", indicating the role of nectins in Ca<sup>2+</sup>-independent cell-cell adhesion. Nectin-1 forms homodimers in *cis*, followed by interactions in *trans* with Nectin-1, -3 or -4.

**Keywords**

ED4; PRR; HlgR; HV1S; HVEC; OFC7; PRR1; PVRR; CD111; PVRL1; PVRR1; SK-12; CLPED1; nectin-1; nectin cell adhesion molecule 1; NECTIN1