



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

Specificity	Reactive with Nectin-1 in immunofluorescence (IFA) and western blot at 10 µg/ml.
Target	Nectin-1
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	DL7
Purification	Protein G agarose affinity chromatography
Conjugate	unconjugated
Applications	IF, WB
Format	Liquid
Concentration	1 mg/mL
Size	100 µg
Buffer	Phosphate Buffered Saline (PBS) pH 7.4
Preservative	None
Storage	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^{2+} -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