9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-2391: PE Conjugated, Anti-CD111 / Nectin-1 Monoclonal Antibody (Clone:R1.302)

Clonality :	Monoclonal
Clone Name :	R1.302
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	NECTIN1
Gene ID :	5818
Uniprot ID :	Q15223
Alternative Name :	NECTIN1,HVEC,PRR1,PVRL1
Isotype :	Mouse IgG1
Immunogen Information :	NIH/3T3 cells transfected with human CD111

Description

CD111, also known as nectin-1, is a calcium-independent cell-cell adhesion transmembrane glycoprotein involved in organization of adherens junctions and tight junctions in epithelial and endothelial cells. It also serves as a target molecule for entry of herpes simplex virus (HSV-1, HSV-2) and pseudorabies virus (PRV) into epithelial and neuronal cells. CD111 is connected with actin cytoskeleton through afadin. Mutations in the gene for CD111 cause cleft lip and palate/ectodermal dysplasia 1 syndrome (CLPED1) as well as non-syndromic cleft lip with or without cleft palate (CL/P). Alternative splicing results in multiple transcript variants encoding proteins with distinct C-termini.

Product Info

Amount :	100 tests
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

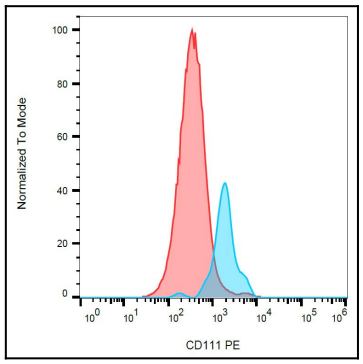

Figure 1: Surface staining of human peripheral blood with anti-human CD111 (R1.302) PE.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.