

Anti-Hu CD111 Purified NECTIN1 Monoclonal Antibody

Catalog Number: M04988

About NECTIN1

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.

Overview

Product Name	Anti-Hu CD111 Purified NECTIN1 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Hu CD111 Purified NECTIN1 Monoclonal Antibody (Catalog# M04988). Tested in Flow Cytometry, IP, WB, IHC, ICC application(s). This antibody reacts with Human.
Application	Flow Cytometry, IP, IHC, ICC, WB
Clonality	Monoclonal R1.302
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	Q15223

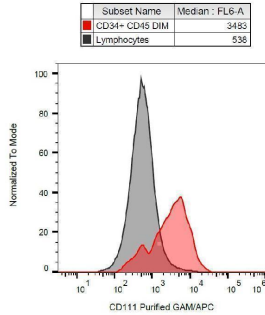
Technical Details

Immunogen	NIH/3T3 cells transfected with human CD111. The mouse monoclonal antibody R1.302 recognizes an extracellular epitope on CD111 (also known as Nectin 1), a 75 kDa type I transmembrane glycoprotein broadly expressed on endothelial cells, epithelial cells, neuronal cells, megakaryocytes, and CD34-positive stem cells.
Predicted Reactive Species	Primate
Cross Reactivity	This antibody does not cross-react with Thy-1.1 alloantigen.
Isotype	Mouse IgG1 kappa
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.

Suggested Dilutions

Flow cytometry: 1-4 ug/ml.

Anti-Hu CD111 Purified NECTIN1 Monoclonal Antibody (M04988) Images



Flow cytometry analysis (surface staining) of human peripheral blood with anti-human CD111 (R1.302) purified, GAM-APC.

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