

Anti-PVRL1/NECTIN1 antibody [R1.302] ab234128

1 Image

Overview

Product name	Anti-PVRL1/NECTIN1 antibody [R1.302]
Description	Mouse monoclonal [R1.302] to PVRL1/NECTIN1
Host species	Mouse
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human PVRL1/NECTIN1. (NIH/3T3 cells transfected with human PVRL1/NECTIN1).
Positive control	Flow Cytometry: Human peripheral blood.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.0975% Sodium azide</p> <p>Constituent: PBS</p>
Purity	Protein A purified
Purification notes	Purity > 95% (by SDS-PAGE).
Clonality	Monoclonal
Clone number	R1.302
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab234128 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use a concentration of 1 - 4 µg/ml.

Target

Function

Promotes cell-cell contacts by forming homophilic or heterophilic trans-dimers. Heterophilic interactions have been detected between PVRL1/nectin-1 and PVRL3/nectin-3 and between PVRL1/nectin-1 and PVRL4/nectin-4.

Involvement in disease

Defects in PVRL1 are the cause of ectodermal dysplasia Margarita Island type (EDMI) [MIM:225060]; also known as Zlotogora-Ogur syndrome, cleft lip/palate-ectodermal dysplasia syndrome (CLPED1) or ectodermal dysplasia 4. Ectodermal dysplasia defines a heterogeneous group of disorders due to abnormal development of two or more ectodermal structures. EDMI is an autosomal recessive syndrome characterized by the association of cleft lip/palate, ectodermal dysplasia (sparse short and dry scalp hair, sparse eyebrows and eyelashes), and partial syndactyly of the fingers and/or toes. Two thirds of the patients do not manifest oral cleft but present with abnormal teeth and nails.

Defects in PVRL1 are the cause of non-syndromic orofacial cleft type 7 (OFC7) [MIM:225060]. Non-syndromic orofacial cleft is a common birth defect consisting of cleft lips with or without cleft palate. Cleft lips are associated with cleft palate in two-third of cases. A cleft lip can occur on one or both sides and range in severity from a simple notch in the upper lip to a complete opening in the lip extending into the floor of the nostril and involving the upper gum.

Sequence similarities

Belongs to the nectin family.

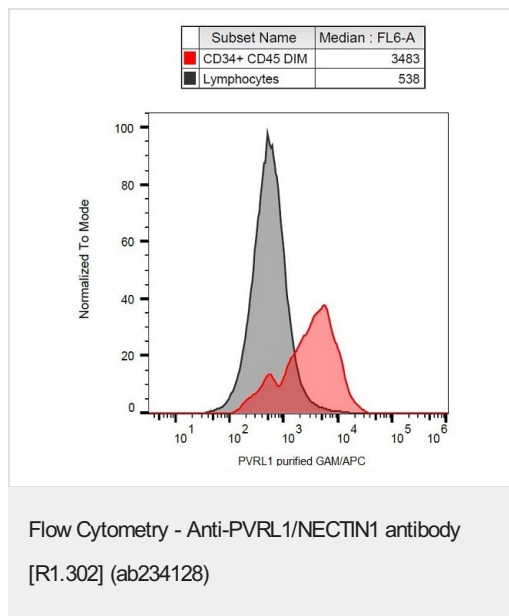
Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Cellular localization

Secreted and Cell membrane.

Images



Flow cytometric analysis of human peripheral blood labeling PVRL1/NECTIN1 with ab234128, followed by Goat-anti Mouse APC.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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