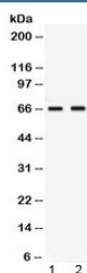


Nectin-4 Antibody / PVRL4 (R32559)

Catalog No.	Formulation	Size
R32559	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q96NY8
Applications	Western Blot : 0.5-1ug/ml
Limitations	This Nectin-4 antibody is available for research use only.



Western blot testing of human 1) MCF7 and 2) MM453 lysate with Nectin-4 antibody at 0.5ug/ml. Expected molecular weight ~55 kDa (unmodified), ~66 kDa (glycosylated).

Description

PVRL4, also known as Nectin-4, is expressed in human skin, hair follicles, and cultured keratinocytes, but not in fibroblasts. This gene encodes a member of the nectin family. The encoded protein contains two immunoglobulin-like (Ig-like) C2-type domains and one Ig-like V-type domain. It is involved in cell adhesion through trans-homophilic and -heterophilic interactions. It is a single-pass type I membrane protein. The soluble form is produced by proteolytic cleavage at the cell surface by the metalloproteinase ADAM17/TACE. The secreted form is found in both breast tumor cell lines and breast tumor patients. Mutations in this gene are the cause of ectodermal dysplasia-syndactyly syndrome type 1, an autosomal recessive disorder. Alternatively spliced transcript variants have been found but the full-length nature of the variant has not been determined.

Application Notes

Differences in protocols and secondary/substrate sensitivity may require the Nectin-4 antibody to be titrated for optimal performance.

Immunogen

Amino acids 53-94 (FYRGDSGEQVGQVAWARVDAGEGAQELALLHSKYGLHVSPAY) from the human protein were used as the immunogen for the Nectin-4 antibody.

Storage

After reconstitution, the Nectin-4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.