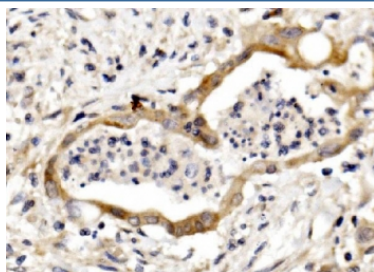


Nectin 3 Antibody (RQ5996)

Catalog No.	Formulation	Size
RQ5996	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

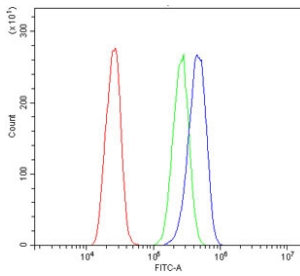
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9NQS3
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Nectin 3 antibody is available for research use only.



IHC staining of FFPE human rectal cancer with Nectin 3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) U-2 OS and 2) HEK293 lysate with Nectin 3 antibody. Expected molecular weight: 64-95 kDa depending on glycosylation level.



Flow cytometry testing of human A431 cells with Nectin 3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Nectin 3 antibody.

Description

Nectin-3, also known as poliovirus receptor-related 3, is a 95 kDa type I transmembrane glycoprotein belonging to the Nectin family of Ig superfamily proteins. It is mapped to 3q13.13. This gene encodes a member of the nectin family of proteins, which function as adhesion molecules at adherens junctions. This family member interacts with other nectin-like proteins and with afadin, a filamentous actin-binding protein involved in the regulation of directional motility, cell proliferation and survival. This gene plays a role in ocular development involving the ciliary body. Mutations in this gene are believed to result in congenital ocular defects. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the Nectin 3 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids E92-N296) was used as the immunogen for the Nectin 3 antibody.

Storage

After reconstitution, the Nectin 3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.