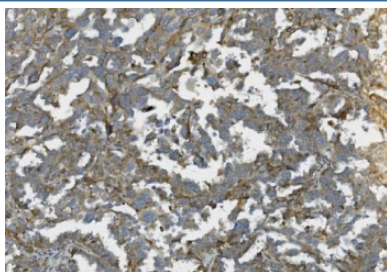


K-Cadherin Antibody / CDH6 (RQ6246)

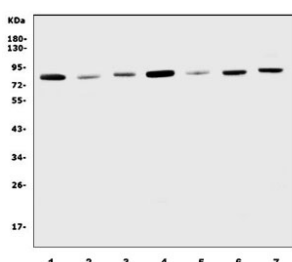
Catalog No.	Formulation	Size
RQ6246	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

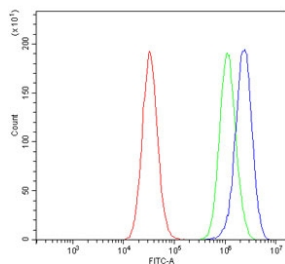
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P55285
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This K-Cadherin antibody is available for research use only.



IHC staining of FFPE human ovarian cancer with K-Cadherin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) HeLa, 2) A549, 3) U-2 OS, 4) U-87 MG, 5) A431, 6) rat lung and 7) mouse lung lysate with K-Cadherin antibody. Predicted molecular weight ~88 kDa.



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

Description

Cadherin-6 is a protein that in humans is encoded by the CDH6 gene. This gene encodes a member of the cadherin superfamily. Cadherins are membrane glycoproteins that mediate homophilic cell-cell adhesion and play critical roles in cell differentiation and morphogenesis. The encoded protein is a type II cadherin and may play a role in kidney development as well as endometrium and placenta formation. Decreased expression of this gene may be associated with tumor growth and metastasis.

Application Notes

Optimal dilution of the K-Cadherin antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids N153-H424) was used as the immunogen for the K-Cadherin antibody.

Storage

After reconstitution, the K-Cadherin 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.