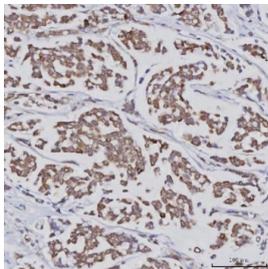


## PLXDC2 Antibody / Plexin domain-containing protein 2 / TEM7R (RQ8012)

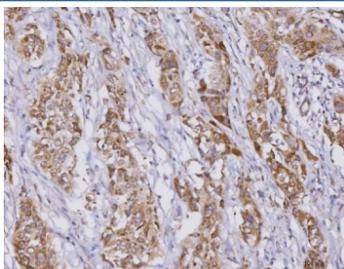
Catalog No.	Formulation	Size
RQ8012	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

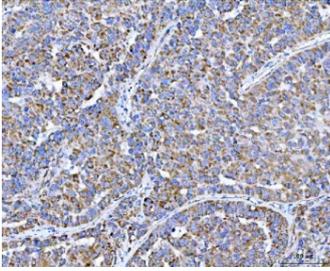
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q6UX71
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This PLXDC2 antibody is available for research use only.



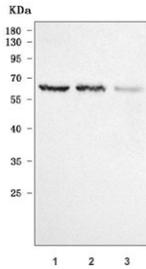
IHC staining of FFPE human breast cancer tissue with PLXDC2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



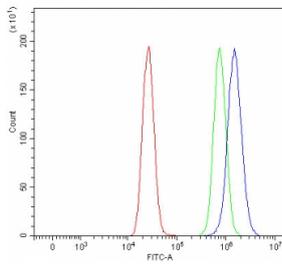
IHC staining of FFPE human lymphoma tissue with PLXDC2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



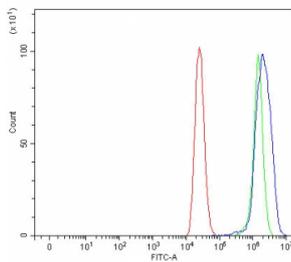
IHC staining of FFPE human liver cancer tissue with PLXDC2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) 293T, 2) HeLa and 3) HaCaT cell lysate with PLXDC2 antibody. Predicted molecular weight ~60 kDa.



Flow cytometry testing of fixed and permeabilized human MCF7 cells with PLXDC2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PLXDC2 antibody.



Flow cytometry testing of fixed and permeabilized human Caco-2 cells with PLXDC2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PLXDC2 antibody.

## Description

Plexin domain-containing protein 2, also called Tumor endothelial marker 7-related protein (TEM7R) is a protein that in humans is encoded by the PLXDC2 gene. Predicted to be integral component of membrane.

## Application Notes

Optimal dilution of the PLXDC2 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids D23-K448) was used as the immunogen for the PLXDC2 antibody.

## Storage

After reconstitution, the PLXDC2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

